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US-10-786-720-14424
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US-10-786-720-17514
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US-10-213-878-2
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US-10-003-919-6
Sequence 6, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
ITILE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 6
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE;
OTHER INFORMATION: PCR Probe
US-10-003-919-6
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Best Local S
Matches 28
                                             318
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28; Conservative
                                 AGTTCTCCGCAGCTCAGTTTCCTTTCCC 345
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Score 28; DB; Pred. No. 5.2 0; Mismatches

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Gaps

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Length 28

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VΩ	Query Match Best Local : Matches 4:	RESULT 1 US-10-131-827-2784 US-10-131-827-2784 Sequence 2784, A PUBLICATION NO. GENERAL INFORMAT APPLICANT: WON APPLICANT: WON APPLICANT: LY, TITLE OF INVENT TITLE OF INVENT FILE REFERENCE: CURRENT APPLICATI FILE OF INTENT FILE REFERENCE: CURRENT FILING DA CURRENT FILING DA FRIOR APPLICATI FRIOR FILING DA PRIOR FILING DA PRIOR FILING DA PRIOR FILING DA PRIOR FILING DA ORGANISM: HOMO US-10-131-827-2784		1786 1787 1788 1788 c1789 c1790
5225 TCC	ıtch sal Simi 44;	SULT 1 10-131-827-2784 10-131-827-2784  Sequence 2784, Applic Publication No. US200  GENERAL INFORMATION: APPLICANT: Woodward APPLICANT: Woodward APPLICANT: Ly, Ngoc TITLE OF INVENTION: TORRENT APPLICATION NU PRIOR APPLICATION NU PRIOR FILING DATE: 2 PRIOR APPLICATION N		14 14 13.8 13.8 13.8
CATGATGO	0. larity 97. Conservative	ULT 1 10-131-27-2784 10-131-287-2784 equence 2784, Application US/101 equence 2784, Application US/101 equence 2784, Application US/101 bilication No. US2004009479A1 ENERAL INFORMATION: APPLICANT: World Robert APPLICANT: Woodward, Robert APPLICANT: Ly, Ngoc TITLE OF INVENTION: METHODS AND TITLE OF INVENTION: CHRONIC INF FILE REFERENCE: 506612000120 CURRENT APPLICATION NUMBER: US/1 CURRENT FILING DATE: 2002-09-06 PRIOR APPLICATION NUMBER: US/1 CURRENT FILING DATE: 2001-10-22 PRIOR APPLICATION NUMBER: US/1 CURRENT FILING DATE: 2001-06-08 NUMBER FILING DATE: 2001-06-09 PRIOR APPLICATION NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR FILING DATE: 2001-06-08 NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR FILING DATE: 2001-06-08 NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR FILING DATE: 2001-06-08 NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR FILING DATE: 2001-06-08 NUMBER US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR FILING DATE: 2001-06-08 NUMBER US/1 PRIOR APPLICATION NUMBER: US/1 PRIOR APPLICATION NU		00000
AAGT	0.8%; 97.8%; tive	Jay Jay Jay Jay Jay Jay Jay Jay Jay Jay		21 32 19 20
CIG	**	US/179A1779A1779A11C11C12C1C1C1C1C1C1C1C1C1C1C1C1C1C1C1C		
TCCCATGATGGAAGTCTGCGTAACCAATAAATTGTGCCTTTCTTA 5269	Score 43.4; DB 1; Length 50; Pred. No. 0.019; 0; Mismatches 1; Indels	SSULT 1  10-131-827-2784  Sequence 2784, Application US/10131827  Publication No. US20040009479A1  GENERAL INFORMATION: APPLICANT: Wohlgemuth, Jay APPLICANT: Woodward, Robert APPLICANT: Woodward, Robert APPLICANT: Ly, Ngoc  TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES FILE REFERENCE: 506612000120  CURRENT APPLICATION NUMBER: US/10/131,827  CURRENT APPLICATION NUMBER: US 10/006,290  PRIOR APPLICATION NUMBER: US 60/296,764  PRIOR FILING DATE: 2001-06-08  NUMBER OF SEQ ID NOS: 9090  SOFTWARE: PatentIn version 3.1  LENGTH: 50  TYPE: DNA  ORGANISM: Homo sapiens	ALIGNMENTS	US-10-786-720-4550 US-09-910-183A-36 US-10-349-143-8508 US-09-825-574-8 US-09-882-945A-8
5269	0,	ING AND MONJ		Sequence 49 Sequence 36 Sequence 89 Sequence 89 Sequence 89
	Gaps 0;	TORING A		4550, Ap 36, Appl 8508, Ap 8, Appli 8, Appli 8, Appli
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Publication No. US20040161747A1

GENERAL INFORMATION:

APPLICANT: MOZADANA, Grant

TITLE OF INVENTION: A METHOD FOR SCREENING FOR AUTOIMMUNE

TITLE OF INVENTION: DISEASE BY IDENTIFYING POLYMORPHISMS IN IL-12 p40

FILE REFERENCE: DAVI16, 001APC

CURRENT APPLICATION NUMBER: US/10/240,376A

CURRENT FILING DATE: 2002-09-27

DEBICE ADSITIATION NUMBER: 2002-09-27
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 49
                                                                                                           Best
                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 26
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CURRENT APPLICATION NUMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
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PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-12-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PQ 6466
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/204,366
PRIOR FILING DATE: 2000-05-15
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NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/410,264 PRIOR FILING DATE: 2002-09-13
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                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 32
                                                                                                         Local Similarity
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                                         268 CCCTCTCTCTCTCTCTCTCTCTCTCTTGCTTGGTTTCT 307
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Pred. No. 9
                                                                                                         Score 27.2;
Pred. No. 14;
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RESULT 5

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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR PILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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US-10-661-355-26/c
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APPLICANT: VAILLANT,
APPLICANT: JUTEAU,
                                                                             Query Match
Best Local Similarity
Matches 32; Conserv
                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 26
LENGTH: 40
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PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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CURRENT FILING DATE: 2003-09-12
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MAI
                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                 TYPE: DNA
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                                      268 CCCTCTCTCTCTCTCTCTCTCTCTTGCTTGCTTTCT
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10. US20040170959A1
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                                                                                                0.5%; Score 27.2;
80.0%; Pred. No. 14;
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80.0%; Pred. No. 14;
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US-10-661-099-26
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-12-05
PRIOR PPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
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Best Local Similarity
Matches 32; Conserv
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-12-05
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 029849/0206
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
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                                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Pred. No. 1
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Pred. No. 17;
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Best Local S
Matches 31
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LENGTH: 40
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LENGTH: 40
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No.
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Best Local :
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CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
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APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/PRIOR FILING DATE: 2002-09-13 NUMBER OF SEQ ID NOS: 36
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PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
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PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
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PRIOR FILING DATE: 2002-09-13
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
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                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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81.6%; Pred. No. 17;
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Pred. No. 17;
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                                                                                                             Length 40;
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APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
ITILE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR FILING DATE: 2003-09-13
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR PILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR PILING DATE: 2002-09-13
PRIOR FILING DATE: 2002-09-13
                                                         RESULT 13
US-10-003-919-5/c
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Sequence 5, Application US/10003919 Publication No. US20030114401A1 GENERAL INFORMATION:
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Best Local
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SEQ ID NO 4
LENGTH: 26
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APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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Publication No. US20030114401A1
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SOFTWARE: PatentIn Ver.
SEQ ID NO 25
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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Local Similarity 81.6%;
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Pred. No. 11;
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Pred. No. 17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: MICROSATELITE DNA MARK
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Fa
SEQ ID NO 364
LENGTH: 33
                                                                                                                                                                                                                                      Sequence 365, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
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Best Local Similarity

Matches 26; Conserv
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LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local
                                                                                                                APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE REFERENCE: 4481/1E188US1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION FILE REFERENCE; RTS-0256 CURRENT APPLICATION NUMBER: US/10/003,919 CURRENT FILING DATE: 2001-12-06 UNMBER OF SEQ ID NOS: 87
                CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
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APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
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APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Pinus taeda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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FastSEQ for Windows Version 3.0
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US-09-735-363A-6
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; ORGANISM: Pinus taeda L.
US-09-232-785-365
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                                                       Sequence 6, Application US/09735363A Patent No. US20010041681A1 GENERAL INFORMATION:
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Best Local Similarity
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
APPLICANT: Filion, Mario
APPLICANT: Phillip, Nigel
TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
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INFORMATION FOR SEQ ID NO:
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LENGTH: 37 base pairs
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APPLICANT: KOOD, Ben FA
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
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                                                                                                                                                                                                                                       Match 0.5%;
Local Similarity 87.5%;
les 28; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92
                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                            (206)
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87.5%;
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Pred. No. 23;
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                                                                                                                                                                                                                                                                       DB 1;
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US-09-263-959-474/c
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                                                  Matches
                                                               Query Match
Best Local
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Best Local Similarity
                                                                                                                                                                                                               TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 474
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PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 87
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PRIOR FILING DATE: 1999-12-13
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SOFTWARE: PATENTION DATA:
CURRENT APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
TUPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIA
                                                                                                                                                                                                                                                               NAME: MCMASters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                             LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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4414 ATAATAATAATATTAATAATAATAAT 4439
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                                                Score 24.4; D
Pred. No. 25;
0; Mismatches
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Pred. No. 23;
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RESULT 21
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Sequence 50, Application US/10240376A
Publication No. US20040161747A1
GENERAL INFORMATION:
APPLICANT: Morahan, Grant
TITLE OF INVENTION: A METHOD FOR SCREENING FOR AUTOIMMUNE
TITLE OF INVENTION: DISEASE BY IDENTIFYING POLYMORPHISMS IN IL-12 p40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 146, Application US/10418182 Publication No. US20030228302A1 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 146
LENGTH: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 67 LENGTH: 36
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TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
RRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
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TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
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                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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Local Similarity 84.4%;
hes 27; Conservative
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Pred. No. 30;
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Pred. No. 46;
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US-09-910-469-132
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CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/AU01/00340
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: PQ 6466
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/204,366
PRIOR FILING DATE: 2000-05-15
PRIOR FILING DATE: 2000-05-15
NUMBER OF SEQ ID NOS: 140
SOFTWARE: FastSEQ for Windows Version 4.0
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LENGTH: 29
TYPE: DNA
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Best Local Similarity
Matches 25; Conserv
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APPLICANT:
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NUMBER OF SEQ ID NOS: 184
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TITLE OF INVENTION: Sorting and Immobilization
TITLE OF INVENTION: Binding Systems
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                                                                                                                                                  OTHER INFORMATION: Test nucleic acid sequence NAME/KBY: modified base LOCATION: (1). (1) OTHER INFORMATION: Cy5 dye
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                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                          FEATURE:
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                   4412 AGATAATAATAATAATAATAATAATAA 4438
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Similarity 92.6%;
AAATAATAATAATAATAATAATAA
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Bruecher, Christoph
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5. US20030175702A1
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Pred. No. 3
                                                                                  Score 23.8;
Pred. No. 4
                                                                  Mismatches
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                                                                                                  Length 32;
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RESULT 23 US-09-910-469-152

Sequence 152, Application US/09910469 Publication No. US20030175702A1

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...addatz, Stefan
APPLICANT: Schneider, Eberhard
APPLICANT: Windhab, No. US20030175702Albert
TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthet
TITLE OF INVENTION: Binding Systems
FILE REFERENCE: 264/217 Nanogen Recognomics
CURRENT APPLICATION NUMBER: US/09/910,469
CURRENT FILING-DATE: 2001-07-19
NUMBER OF SEQ ID NOS: 184
SOFTWARE: PatentIn version 3.1
SEQ ID NO 152
LENGTH: 32
TYPE: DNA
ORGANIT:
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US-09-910-469-162
                                                                           US-09-910-469-162
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US-09-910-469-152
                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 184
SOFTWARE: Patentin version 3.1
SEQ ID NO 162
LENGTH: 32
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Query Match 0.5%;
Best Local Similarity 92.6%;
Matches 25; Conservative
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Best Local Similarity 92.6%;
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APPLICANT: Schneider, Eberhard
APPLICANT: Windhab, No. US20030175702Albert
TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthet
TITLE OF INVENTION: Binding Systems
FILE REFERENCE: 264/217 Nanogen Recognomics
CURRENT APPLICATION NUMBER: US/09/910,469
CURRENT FILING DATE: 2001-07-19
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APPLICANT: Anderson, Richard R.
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                                                                              PEATURE: INFORMATION: Test nucleic NAME/KEY: modified base LOCATION: (32)..(32) CTHER INFORMATION: Cy3 dye
                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial sequence
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Bruecher, Christoph
Kienle, Stefan
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Mueller, Jochen
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 Score 23.8; D
Pred. No. 40;
0; Mismatches
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Pred. No. 40;
0; Mismatches
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; LENGTH: 36
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-315
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US-10-085-906-315
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-138
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CURRENT FILING DATE: 2002-02-27

PRIOR APPLICATION NUMBER: US 60/126,215

PRIOR APPLICATION NUMBER: US 09/534,061

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24
                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOTTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                   SEQ ID NO 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                 Query Match
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Best Local Similarity 80.0%;
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APPLICANT: Gray, Gary S.
TITLE OF INVENTION: COSTIMULATORY RECEPTOR
                                                                                                                                                                                                                                                                                                         FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Wu, Paul
APPLICANT: Gray, Ga
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Similarity 80.0%;
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5. US20030054371A1
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5. US20030054371A1
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               0.5%;
Score 23.8;
Pred. No. 5
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Pred. No. 5
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                                                                                                                                                                                                                                                    Sequence 171, Application US/10085906 Publication No. US20030054371A1 GENERAL INFORMATION:
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Best Local (
                                                                                                                                               APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN
TITLE OF INVENTION: COSTINULATORY RECEPTOR
                FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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NAME: MCMBaters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Rowen, Lee
APPLICANT: KOOD, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 26 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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APPLICATION NUMBER: PCT/US00/07938
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Similarity 96.0%;
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US20020150891A1
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Pred. No. 3:
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LENGTH: 27
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-766-590-2
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                                                                                                                                                                                                                                                                                      Sequence 862, Application US/
PATENT NO. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best
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LENGTH: 26
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APPLICANT: Martinez, Larry
APPLICANT: Mertinez, Larry
APPLICANT: Hoffman, Paula
TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
FILE REFERENCE: UTC-08617
CURRENT APPLICATION NUMBER: US/10/766,590
CURRENT FILING DATE: 2004-01-27
PRIOR APPLICATION NUMBER: 60/443,072
PRIOR PILING DATE: 2003-01-27
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.2
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NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                           ADDRESSEE: Seed and
                                                                                                                                                                                                                    TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH NUMBER OF SEQUENCES: 1279
                                                                                                                                          STREET: 6300 C
CITY: Seattle
STATE: Washing
                                                                                                              ZIP:
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   APPLICATION NUMBER:
                                                                                                                             COUNTRY:
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VT: Koop, Ben
INVENTION: D
                                                                                                                                           Washington
                                                                                                                                                                         6300 Columbia Center,
                                                                                                                                                                                                                                                                                                                                      Application US/09263959
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US/09/263,959
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Pred. No. 35;
0; Mismatches
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Pred. No. 33;
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                               Version #1.25
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ATTORNEY/AGENT INFORMATION

CLASSIFICATION: FILING DATE:

05-MAR-1999

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RESULT 32
US-10-374-307-8/c
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US-09-232-785-357/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-357
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                                                                                                                                                           Sequence 8, Application US/10374307
Publication No. US20040170984A1
GENERAL INFORMATION:
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Best Local Similarity 95.8%;
Matches 23; Conservative
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APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND
TITLE OF INVENTION: THEREOF
TILE REFERENCE: 4481/1E188US1
CURRENT PILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-15
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR APPLICATION NUMBER: 09/232,884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
APPLICANT: Leproust, Eric M.
APPLICANT: Leproust, Bric M.
APPLICANT: Kronick, Mel N.
APPLICANT: Kronick, Mel N.
APPLICANT: Kronick, Mel N.
TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
TITLE OF INVENTION: SYNTHEAD MISALIGNMENT OF AN IN S
FILE REFERENCE: AGIL-078
CURRENT APPLICATION NUMBER: US/10/374,307
CURRENT FILING DATE: 2003-02-25
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LENGTH: 24 base pairs
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                                                                                                                                                                                                                                                                                                                                                                y Match 0.4%;
Local Similarity 95.8%;
nes 23; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: McMasters, David D. REGISTRATION NUMBER: 33,9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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Pred. No. 44;
0; Mismatches
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Pred. No. 4
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                                                                        IN SITU POLYMERIC ARRAY
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APPLICANT: Vasserot, Alain P.
APPLICANT: Marquis, David
APPLICANT: Huse, William D.
TITLE OF INVENTION: THE alpha Binding Molecules
FILE REFERENCE: AME-06971
CURRENT APPLICATION NUMBER: US/10/338,552
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.2
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US-10-338-552-74
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                                                             ; OTHER INFORMATION: Synthetic US-10-338-552-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapien 
US-10-374-307-11
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                                                                                        SEQ ID NO 74
LENGTH: 33
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 24
                                                                                                                                                                                                                                                                                                                              Sequence 74, Application US/103 Publication No. US20040131612A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version SEQ ID NO 8 \,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
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Best Local
Query Match 0.4%;
Best Local Similarity 83.3%;
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Leproust, Eric M.
APPLICANT: Amorese, Douglas A.
APPLICANT: Kronick, Mel N.
TITLE OF INVENTION: METHODS AND DEVICES FOR
TITLE OF INVENTION: PRINTHEAD MISALIGNMENT
TITLE OF INVENTION: SYNTHESIS DEVICE
                                                                                                                                                                                                                                                                                                APPLICANT: Watkins, Jeffry D. APPLICANT: Vasserot, Alain P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/374,307
CURRENT FILING DATE: 2003-02-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: AGIL-078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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Score 22; DB Pred. No. 92; 0; Mismatches
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Pred. No. 44;
0; Mismatches
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Pred. No. 44;
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                              DB 1;
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US-09-310-183A-36/c
(S-09-910-183A-36/c
; Sequence 36, Application US/09910183A
; Publication No. US20030175701A1
; GENERAL INFORMATION:
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 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/107,029
FILING DATE: <Unknowns
APPLICATION NUMBER: GB 9713597.4
FILING DATE: 28-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Gill P.
NAME: Gill P.
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity
Matches 25; Conserv
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SOFTWARE: Patentin version 3.2
SEQ ID NO 74
LENGTH: 33
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Watkins, Jeffry D.
APPLICANT: Vasserot, Alain P.
APPLICANT: Vasserot, Alain P.
APPLICANT: Marquis, David
APPLICANT: Huse, William D.
TITLE OF INVENTION: TNF-alpha Binding Molecules
FILE REFERENCE: AME-07497
CURRENT APPLICATION NUMBER: US/10/338,627
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/910,183A
FILING DATE: 20-Jul-2001
CLASSIFICATION: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                              STATE: W. Midlands
COUNTRY: United Kingdom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AGGGCCCCTCAGTTCGTTGGCTCAAGCATC 30
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Pred. No.
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92;
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Sequence 908, Application US/09776479

Publication No. US20030087848A1

GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
ITITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03
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; ORGANISM: Homo sapiens
US-10-085-906-207
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US-09-776-479-908
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Best Local Similarity 91.7%;
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Best Local S
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APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 99/534,061
PRIOR APPLICATION NUMBER: US 99/534,061
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR APPLICATION NUMBER: PCT/US00/07938
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                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 207
LENGTH: 24
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                                             271 PCTCTCTCTTTCTCTCTCTCTCTC 294
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1 TOTOTOTOTACTOCCTOTOTOTO 24
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ORGANELLE: Mitochondrion
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o. US20030054371A1
                                                                                                                Score 20.8;
Pred. No. 87;
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Pred. No. 1.1e+02;
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                                                                                                                                   Length 24;
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908
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US-09-776-479-908
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 908
LENGTH: 22
TYPE: """
                                               SOFTWARE: Far
SEQ ID NO 877
LENGTH: 22
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Best Local Similarity
Matches 21; Conserv
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                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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SEQ ID NO 908
LENGTH: 22
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                                                                                                                                                                                      TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES FILE REFERENCE; C01039/70060(AWS)
                                                                                                                   CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
                                                                                                                                                                                                                                       APPLICANT: Krieg, Arthur M. APPLICANT: Berg, Daniel J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna N
                                                                                                      NUMBER OF SEQ ID NOS: 1040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/179,991 PRIOR FILING DATE: 2000-02-03
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CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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                                  TYPE: DNA
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              ORGANISM: Artificial Sequence
EATURE:
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                                                                                    FastSEQ for Windows Version 3.0
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Pred. No. 89;
0; Mismatches
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Pred. No. 89;
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APPLICANY: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION UNMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1090-09-27
PRIOR FILING DATE: 1090-09-27
PRIOR FILING DATE: 1090-09-27
PRIOR FILING DATE: 1090-09-27
PRIOR FILING DATE: 1000-08-23
NUMBER OF SEQ ID NOS: 1145
SOOTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 908
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                                                    ; OTHER INFORMATION: Synthetic US-10-314-578-908
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US-10-314-578-908
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SEQ ID NO 908
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 Query Match
Best Local Similarity
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APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
CURRENT FILING DATE: 2001-12-18
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                                                                                          LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
FBATURE:
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o. US20030212026A1
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D. US20030055014A1
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Pred. No. 8
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Pred. No. 89;
Score 20.4;
Pred. No. 89;
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RESULT 45
US-10-275-071-19
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US-10-120-187A-6/c
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; ORGANISM: Homo sapiens
US-10-766-590-4
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LENGTH: 24
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 22
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Best Local Similarity
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APPLICANT: Hoffman, Paula
TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
FILE REFERENCE: UTC-08617
CURRENT APPLICATION NUMBER: US/10/766,590
CURRENT FILING DATE: 2004-01-27
                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2001-04-11
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/282,898 PRIOR FILING DATE: 2001-04-11
                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/120,187A
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 60/322,438
PRIOR FILING DATE: 2001-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MEANS, ANTHONY R.
TITLE OF INVENTION: CA2+/CALMODULIN-DEPENDENT PROTEIN KINASE IV
FILE REFERENCE: 1579-669
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OTHER INFORMATION: Description of Artificial Sequence: Primer
                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                       TYPE: DNA
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Pred. No. 1e+02;
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                                            RESULT 47
US-10-003-919-11/c
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CURRENT APPLICATION NUMBER: US/10/275,071
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/580,923
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR FILING DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 19
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                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-10
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LENGTH: 20

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                                                                     Matches
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                                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH
TITLE OF INVENTION: IMMOBILIZED OLIGONUCLECTIDE
FILE REFERENCE: 08888.0138-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Crouzet, Joel APPLICANT: Scherman, Da
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95.5%; Pred. No. 1.
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                                                                                     Score 20; Pred. No.
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Sequence 11, Application US/10003919 Publication No. US20030114401A1 GENERAL INFORMATION:

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RESULT 48
US-10-003-919-12/c
; Sequence 12, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: SUSAN M. Freier
; APPLICANT: APPLICANT: ANTISENSE MODULAT
                                                                                                                                                                                                                      RESULT 49
US-10-003-919-13/c
; Sequence 13, Application US/10003919
; Publication No. US20030114401A1
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                                                                  GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION UNMERER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 13
LENGTH: 20
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SEQ ID NO 11
1.FN/Cm:
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Best Local
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Best Local Similarity
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1EQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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APPLICANT: Susan M. Freier
OTHER INFORMATION: Antisense Oligonucleotide
                    FEATURE:
                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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100.0%; Pred. No.
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-15
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-14
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US-10-003-919-15/c
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                                                                                                                                                            CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                    Sequence 15, Application US/10003919 Publication No. US20030114401A1 GENERAL INFORMATION:
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local
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Publication No. US20030114401A1
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                   APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                         APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
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NUMBER OF SEQ ID NOS: 87
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                 223 GCAGCCGTGGCAGGGTGTAT 242
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                                                                       Similarity
GCAGCCGTGGCAGGGTGTAT 1
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Pred. No.
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US-10-003-919-16/c

Sequence 16, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett

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APPLICANT: SUBAN M. Freier
TITLE OF INVENTION. ANTISENSE MODULATION OF SHI
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
TYPER: THE SUBANCE STREET STREE
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Sequence 18, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-18
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Best Local Similarity
Matches 20; Conserv
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 16
LENGTH: 20
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CURRENT APPLICATION UNMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 17
LENGTH: 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
   Query Match
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APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                        FEATURE:
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100.0%; Pre
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0; Mismatches
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Pred. No. 89;
   Score 20;
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89;
DB 1;
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   Length
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RESULT 57 US-10-003-919-21/c

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett

Susan M.

Sequence 21, Application US/10003919 Publication No. US20030114401A1

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                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-20
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US-10-003-919-19
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SEQ ID NO 19
SEQ ID NO 19
TYPER THE 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                           Sequence 20, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
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Matches 20; Conserv
                                                          Query Match 0.4
Best Local Similarity 100
Matches 20; Conservative
                                                                                                                                                                                                    SEQ ID NO 20
LENGTH: 20
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Best Local 9
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                            APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                    FILE REFERENCE: RTS-0256
                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                       TYPE: DNA
                             579 GGCAAGGACGGGAGCTTCCT 598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        535 GCAACATCACCCGCTCCAAG 554
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20 GGCAAGGACGGGAGCTTCCT 1
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                                                          0.4%; Score 20;
100.0%; Pred. No.
tive 0; Mismatc
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89;
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                                                     US-10-003-919-23
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                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 23
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 21
LENGTH: 20
                                                                                                                                                                                                                                                                                            Sequence 23, Application US/10003919 Publication No. US20030114401A1 GENERAL INFORMATION:
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Best Local Similarity
Query Match
Best Local Similarity
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Best Local
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                      APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: RTS-
                                                                    OTHER INFORMATION: Antisense Oligonucleotide
                                                                                     FEATURE:
                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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 0.4%;
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100.0%; Pred. No.
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100.0%; Pred. No. 89
lve 0; Mismatches
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 Score 20;
Pred. No.
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89;
 DB
89;
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RESULT 62 US-10-003-919-26/c

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION Sequence 26, Application US/10003919 Publication No. US20030114401A1

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US-10-003-919-24/c
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                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide 
US-10-003-919-25
                                                                                                                                                                                                                                                                                                                                                                        RESULT 61
                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 25
LENGTH: 20
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SEQ ID NO 24

LENCTON
                                                     Matches
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Publication No. US20030114401A1
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Best Local :
                                                                              Query Match
                                                                                                                                                                                                                                                       APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION FILE REFERENCE: RTS-0256 CURRENT APPLICATION NUMBER: US/10/003,919 CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                        FEATURE:
                                                                   Local
                         770 CAAGAAGGAAAACATGGGGC 789
                                                                                                                                                                                                                                                                                                                                                                                                                                           744 AAGCTGGACCAGCTCATCGA 763
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20 CAAGAAGGAAAACATGGGGC 1
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                                                                 Score 20;
Pred. No.
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APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
ITTLE OF INVENTION: ANTISENSE MODULATION OF SHI
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 27
LENGTH: 20
                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-28
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US-10-003-919-26
Query Match
Best Local S
Matches 20
                                                                                                                                                                                                                                                                                           Sequence 28, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
                                                                                                                              PILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 27, Application US/10003919
Publication No. US20030114401A1
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SEQ ID NO 26
LENGTH: 20
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Best Local Similarity
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                            ORGANISM: Artificial Sequence
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l Similarity 100 20; Conservative
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100.0%; Pred. No. 89;
b; Score 20; DB
b; Pred. No. 89;
0; Mismatches
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b; Pred. No. 89;
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US-10-003-919-29/c
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                                                                                                                  US-10-003-919-31/c
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US-10-003-919-29
            Sequence 31, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030114401A1
GENERAL INFORMATION:
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SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local
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Best Local S
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
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CURRENT FILING DATE: 2001-12-06
FILE REFERENCE: RTS-0256
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100.0%; Pred. No. 89
ive 0; Mismatches
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00.0%; Pred. No.
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 33
LENGTH: 20
TYPE- PT-
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US-10-003-919-33/c
US-10-003-919-33/c
; Sequence 3, Application US/10003919
; Publication No. US20030114401A1
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; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-31
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                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-33
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Query Match
Best Local S
Matches 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
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SEQ ID NO 32
LENGTH: 20
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LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                Local Similarity
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                100.0%;
                0.4%; Score 20; DB
100.0%; Pred. No. 89;
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                              DB 1; Length 20;
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US-10-003-919-36/c; Sequence 36, Application US/10003919; Publication No. US20030114401A1; GENERAL INFORMATION:
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US-10-003-919-35/c
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LENGTH: 20

; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
COTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-34
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US-10-003-919-34/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-35
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ITILE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 35
LENGTH: 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
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ORGANISM: Artificial Sequence
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Pred. No.
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APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
CURRENT FILING DATE: 2001-12-06
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                                                                                     OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-38
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US-10-003-919-37/c
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US-10-003-919-36
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US-10-003-919-37
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Best Local S
Matches 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
                                         Query Match
Best Local Similarity
                                                                                                                                                        SEQ ID NO 38
LENGTH: 20
                                                                                                                                                                                                                                                                                                    Sequence 38, Application US/10003919
Publication No. US20030114401A1
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LENGTH: 20
                               Matches
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CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                  FEATURE:
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les 20; Conserv
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1515 GACAAGTTCTACAGCCACAA 1534
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                                         Score 20;
Pred. No.
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Pred. No.
                             Mismatches
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RESULT 76
US-10-003-919-40/c
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US-10-003-919-40
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SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORCANTON
            Sequence 41, Application US/10003919
Publication W. US20030114401A1
GENERRAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freter
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030114401A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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FILING DATE:
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89;
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... Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXE
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 42
LENGTH: 20
LENGTH: 20
TYPE: """
                                                                                                                                                                                                                                                                                 RESULT 79
US-10-003-919-43/c
US-10-003-919-43/c

; Sequence 43, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-42
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-43
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US-10-003-919-41
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                                                                                                                                                       FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 43
SEQ ID NO 43
SEQ ID NO 43
CROSSIN 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Matches
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Matches
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Publication No. US20030114401A1
GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 41
                                                 Matches
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Best Local
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ORGANISM: Artificial Sequence
                                                               Local Similarity
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1761 CCTCCCAAGAAGATCACGTC 1780
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                                                               0.4%; Score 20; DB 1; 100.0%; Pred. No. 89;
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100.0%; Pred. No. 89
tive 0; Mismatches
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Pred. No.
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Sequence 46, Application US/10003919

Publication No. US20030114401A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIFILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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                                                                                                                                                                                               RESULT 82
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Best Local S
Matches 20
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 45
LENGTH: 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
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Publication No. US20030114401A1
GENERAL INFORMATION:
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SEQ ID NO 44
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CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
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TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
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mes 20; Conservative
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; Pred. No. 89;
0; Mismatches
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89;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-46
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Best Local S
Matches 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
                                                        Query Match
Best Local Similarity
Matches 20; Conserv
                                                                                                                                                               SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                 Sequence 48, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
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LENGTH: 20
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Best Local Similarity
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                       APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT FAPPLICATION NUMBER: US/10/003,919
CURRENT FILLING DATE: 2001-12-06
CURRENT FILLING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                            TTCTCTCCAAGGGCAGGGA 1805
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                                                                        Score 20;
Pred. No.
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                                                           Mismatches
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US-10-003-919-51/c
; Sequence 51, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: SUBAN M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXP
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 50, Application US/10003919

Publication No. US20030114401A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
ITILE OF INVENTION: ANTISINSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 50

LENGTH: 20

TYDE: NAME
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US-10-003-919-49/c
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Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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Best Local Similarity
Matches 20; Conser
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Best Local Similarity
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
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100.0%; Pred. No.
ive 0; Mismatcl
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SEQ ID NO 51

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US-10-003-919-53/c
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US-10-003-919-51
                                                                                                                     US-10-003-919-53
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                                                                                                                                                                                          FILE REPERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 53
LENGTH: 20
                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: C. Frank
APPLICANT: Susan M
                                                                                                                                                                                                                                                                                                                                                Sequence 53, Application US/10003919 Publication No. US20030114401A1
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LENGTH: 20
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Best Local
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                                                          Matches
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                              TYPE: DNA
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                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                     Frank Bennett
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100.0%; Pred. No.
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100.0%; Pred. No. 89;
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100.0%; Pred. No.
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. 89;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-54
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NUMBER OF SEQ ID NOS: 87
SEQ ID NO 56
LENGTH: 20
                                                                                                                                                               Sequence 56, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 55
LEUGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030114401A1
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Best Local Similarity
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Best Local (
                                                          APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-02.56
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REPERENCE: RTS-0256
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NUMBER OF SEQ ID NOS: 87
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100.0%; Pred. No.
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Sequence 58, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
ITTLE OF INVENTION: ANTISENSE MODULATION OF SHIFILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 58
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US-10-003-919-57/c
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                                                                                                                     US-10-003-919-58
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                                                         Query Match
Best Local S
Matches 20
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Publication No. US2003011///
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LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
                                                                                                                              FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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les 20; Conserv
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CACAGCCCTGTCTTTGCCAC 1
                            CACAGCCCTGTCTTTGCCAC 2629
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                                                                      Score 20; DB 1; 
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Pred. No.
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Pred. No. 89;
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US-10-003-919-61/c
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SEQ ID NO 60
LENGTH: 20
TYPE: DNA
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Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 61
LENGTH: 20
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                                                                                               Sequence 61, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1
FILE REFERENCE: RTS-0256
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NUMBER OF SEQ ID NOS: 87
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
                                                                CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
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CURRENT FILING DATE: 2001-12-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
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100.0%; Pred. No.
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100.0%; Pred. No.
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89;
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89;
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TYPE: DNA

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US-10-003-919-62/c
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                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-63
                                                                                                                                                                                                                                                                                                                                                                               RESULT 99
                                                                                                                                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 63
LENGTH: 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
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Publication No. US20030114401A1
GENERAL INFORMATION:
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Best Local Similarity
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LENGTH: 20
                                                           Matches
                                                                                   Query Match
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                        Local Similarity 100 nes 20; Conservative
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                           3094 AGAAGCTCTATGACTTTGTG 3113
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AGAAGCTCTATGACTTTGTG
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100.0%; Pred. No.
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Pred. No.
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                                                                       DB 1;
89;
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89;
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RESULT 100

ORGANISM: Artificial Sequence

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US-10-003-919-65/c
; Sequence 65, Application US/10003919
; Publication No. US20030114401A1
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US-10-003-919-66/c
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                                                                                               GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
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SEQ ID NO 64
LENGTH: 20
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SEQ ID NO 65
LENGTH: 20
TYPE: DNA
                              NUMBER OF SEQ ID NOS:
SEQ ID NO 66
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Publication No. US20030114401A1
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Publication No. US20030114401A1
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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                                                               CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
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LENGTH: 20
TYPE: DNA
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87
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Pred. No.
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RESULT 105
US-10-003-919-69/c
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US-10-003-919-67/c
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APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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SEQ ID NO 67
LENGTH: 20
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Publication No. US20030114401A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
                                                                                                                                               Query Match
Best Local Similarity
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Publication No. US20030114401A1
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Best Local Similarity
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CURRENT FILING DATE: 2001-12-06
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100.0%; Pred. No. 89;
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100.0%; Pred. No. 89;
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Pred. No. 89;
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US-10-003-919-71/c
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US-10-003-919-70/c
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US-10-003-919-70
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SEQ ID NO 70
LENGTH: 20
TYPE: DNA
                                                                                                                       Sequence 71, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freter
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0256
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Publication No. US20030114401A1
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
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Publication No. US20030114401A1
GENERAL INFORMATION:
                                            SEQ ID NO 71
LENGTH: 20
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                                                                         CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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APPLICANT: Susan M. Freier
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           TYPE: DNA ORGANISM: Artificial Sequence
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FEATURE:
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100.0%; Pred. No.
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Pred. No.
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: FILCANT: SUBAN M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 73

LENGTH: 20

TYPE- TITLE
RESULT 110
US-10-003-919-74/c
; Sequence 74, Application US/10003919
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US-10-003-919-72/c
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                                                                                                                                                                                       ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-72
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Best Local Similarity
Matches 20; Conserv
                                                                                                                                Matches
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Best Local Similarity
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Publication No. US20030114401A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: RTS-0256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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LENGTH: 20
                                                                                                                                Local Similarity nes 20; Conserv
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                                                                                          4489 TTTACGAACATTCGTCATAT 4508
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llarity 100.0%;
Conservative (
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100.0%; Pred. No. 89
ative 0; Mismatches
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Pred. No.
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89;
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89;
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US-10-003-919-76/c
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Publication No. US20030114401A1
GENERAL INFORMATION:
                      CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                      Sequence 76, Application US/10003919 Publication No. US20030114401A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 75
LENGTH: 20
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CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Matches
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Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                               APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
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APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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; Pred. No. 89;
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; Pred. No.
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89;
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OTHER INFORMATION: Antisense Oligonucleotide

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Sequence 78, Application US/10003919

Publication No. US20030114401A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHI
FILE REFERENCE: RTS-0256
CURRENT APPLICATION UMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
                            RESULT 115
US-10-003-919-79/c
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SEQ ID NO 77
LENGTH: 20
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Publication No. US20030114401A1
GENERAL INFORMATION:
Sequence 79, Application US/10003919 Publication No. US20030114401A1
                                                                                                                                                                                                                                                                                              SEQ ID NO 78
LENGTH: 20
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Best Local (
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
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Local Similarity 100.0%; P
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/ 100.0%; Pr
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L00.0%; Pred. No. 89;
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Pred. No. 89;
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Pred. No.
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89;
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
CORGANISM: Artificial Sequence
FEATURE:
ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-79
                                        APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
ITITE OF INVENTION: ANTISENSE MODULATION OF SH.
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 81
LENGTH: 20
ORGANISM: Artificial Sequence
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US-10-003-919-80/c
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US-10-003-919-81/c
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-81
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SEQ ID NO 80
LENGTH: 20
TYPE: DNA
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Publication No. US20030114401A1
GENERAL INFORMATION:
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APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 80, Application US/10003919 Publication No. US20030114401A1
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Best Local (
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
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100.0%; Pred. No.
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100.0%; Pred. No.
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89;
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RESULT 120
US-10-003-919-84/c
US-10-003-919-84/c
; Sequence 84, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
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US-10-003-919-82/c
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                                                                                                                                                                                                                                     ) OTHER INFORMATION: Antisense Oligonucleotide US-10-003-919-83
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                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 83, Application US/10003919 Publication No. US20030114401A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 20; Conserv
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Best Local
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
LENGTH: 20
TYPE: Num
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APPLICANT: C. Frank
APPLICANT: Susan M
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Best Local Similarity
Matches 20; Conserva
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APPLICANT: Susan M. Freier
TITLE OP INVENTION: ANTISENSE MODULATION OF SHIP-1
FILE REFERENCE: RTS-0256
                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                LENGTH: 20
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100.0%; Pred. No.
                                                                                                                                                                                    0.4%; Score 20; DB 1;
100.0%; Pred. No. 89;
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APPLICANT: SUBAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SH
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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TITLE OF INVENTION: ANTISENSE MODULATION OF SH
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
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                                                                 NUMBER OF SEQ ID NOS:
SEQ ID NO 86
LENGTH: 20
                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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Publication No. US20030114401A1
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Best Local (
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Best Local Similarity
                                                                                                APPLICANT: SUBBLE M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
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APPLICANT: Susan M. Freier
                  TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: Antisense Oligonucleotide
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%; Pred. No. 89;
0; Mismatches
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RESULT 124
US-09-863-806-120/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-87
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CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 120, Application US/09863806 Publication No. US20020197608A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 20; Conserv
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Publication No. US20030114401A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.(
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/9/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION NUMBER: 09/038,637
FILING DATE: <UNKnown>
FILING DATE: <UNKnown>
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NUMBER OF SECULIARY OF SECULIARY OF SECULIARY OF SECULIARY OF SECULIARY OF SUBJECT OF SECULIARY OF SUBJECT OF SECULIARY OF SUBJECT O
                                                                                                                                                                                                 APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION: DETECTION OF NEOPLASIM
NUMBER OF SEQUENCES: 195
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STATE: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.4%; So larity 100.0%; I Conservative 0;
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100.0%; Pred. No.
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Pred. No.
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. 89;
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89;
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US-10-270-839-75/c
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APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
PPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THI
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LO
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-2
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
                                                                                                                                                                                                                                                           US-10-085-906-237/c
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SEQ ID NO 75
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                Sequence 237, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local (
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APPLICANT: Grasso, Luigi
APPLICANT: Sass, Philip M.
APPLICANT: Sass, Philip M.
APPLICANT: Nicolaides, Nicholas C.
APPLICANTON INCOLAIDES (MOR-0133)
FILE REFERENCE: AG0002US (MOR-0133)
CURRENT APPLICATION NUMBER: US/10/270,839
CURRENT FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60)126,750
PRIOR APPLICATION NUMBER: 60)110-12
NUMBER OF SEQ ID NOS: 129
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LOCATION: (22)..(22)
OTHER INFORMATION: B is C or G or T/U, not A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: Oligonucleotide FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                             269 CCTCTCTCTCTTCTCTCTCTC 290
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TYPE: nucleic acid
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Pred. No. 1.4e+02;
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Pred. No. 1.2e+02
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                                                                                                   LOCUS
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                                                                                                     AND USES THEREOF
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RESULT 128
US-09-232-785-394/c
; Sequence 394, Application US/09232785
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; ORGANISM: Homo sapiens
US-10-085-906-237
                                                                                                                                                                                                                             US-09-263-959-807
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US-09-263-959-807
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PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 237
LENGTH: 28
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                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                           TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION USON
FILING DATE: 05-WAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
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Local Similarity 84.6%;
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                                                                                                                          271 TCTCTCTCTTTCTCTCTCTCT 291
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Similarity 95.2%;
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linear
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                                                                                                                                                                           Score 19.4; DB 1;
Pred. No. 1.3e+02;
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Pred. No. 1.9e+02;
                                                                                                                                                          Mismatches
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US-10-418-182-108/c
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; ORGANISM: Pinus taeda
US-09-232-785-394
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; SEQ ID NO 395
; LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: International Paper Co.
APPLICANT: Necht, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKI
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
CURRENT FILING DATE: 1999-01-19
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SEQ ID NO 394
LENGTH: 21
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Matches
                                                                                                                                   Sequence 108, Applic Publication No. US20 GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR THE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
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CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
PRIOR FILING DATE: 1999-01-15
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TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
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o. US20030228302A1
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Pred. No. 1
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Pred. No. 1.3e+02;
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1.3e+02;
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RESULT 132
US-10-085-906-45/c
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US-09-465-589-10
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APPLICANT: Ying, Vinc,
APPLICANT: Wu, Paul
APPLICANT: Gray, Gar
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SOFTWARE: FBBLSEQ for Windows Version 4.0
SEQ ID NO 108
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local (
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPETITIC
TITLE OF INVENTION: OLIGONUCLEOTIDE UNIT (AS AMENDED)
FILE REFERENCE: 4305/1229-US2
CURRENT APPLICATION NUMBER: US/09/465,589
CURRENT FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR FILING DATE: 1998-06-04
PRIOR PILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: PCT/DK96/00513
                                                                                              APPLICANT: Gray, Gary S.

TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN TITLE OF INVENTION: COSTIMULATORY RECEPTOR FILE REFERENCE: GNN-5343CP2

CURRENT APPLICATION NUMBER: US/10/085,906

CURRENT FILING DATE: 2002-02-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1996-12-05
PRIOR APPLICATION NUMBER: DK 1379/95
PRIOR FILING DATE: 1995-12-05
                                                       PRIOR APPLICATION NUMBER: US 60/126,215 PRIOR FILING DATE: 1999-03-25
                    PRIOR APPLICATION NUMBER: US 09/534,061 PRIOR FILING DATE: 2000-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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Local Similarity 81.5%;
nes 22; Conservative
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ilarity 95.2%;
Conservative
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PCT/US00/07938
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Pred. No. 1.3e+02;
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; ORGANISM: Homo sapiens
US-10-085-906-45
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PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Best Local Sin
Matches , 20;
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NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows
SEQ ID NO 45
                                                                                     Query Match
Best Local S
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Publication No.
                                                                       Matches
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CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN
                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 4162
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/328,205
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                                                                                                                                                                             LENGTH: 25
TYPE: DNA
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APPLICATION NUMBER: US (
FILING DATE: 2001-05-23
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APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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                                   814 TGCCGCTGGAGGAAGAGGACAC 835
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Pred. No. 2
                                                                                        Score 18.8;
Pred. No. 2
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RESULT 134
US-10-061-201-3147/c
US-10-061-201-3147/c
; Sequence 3147, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

REFERENCE: PB0178

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PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
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SOFTWARE: ACCUM-
SEQ ID NO 3147
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                                                           PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
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CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
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                                         NUMBER OF SEQ ID NOS: 4162
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
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                                                                                                                            APPLICATION NUMBER: US 09/864,761
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APPLICATION NUMBER: US 60/328,205
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APPLICATION NUMBER: PCT/US01/00663
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NO 3148
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                  Aeomica Sequence Listing Engine
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                                                                                                                                                                                                                CATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/10061201 US20030166229A1
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Pred. No. 2.2e+02;
0; Mismatches 2;
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ies 2;
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US-10:061-201-3148
                                                                                                                                                                                             US-09-866-108-12694
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                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 3149
                                                                                                                                                           Sequence 12694, Application US/09866108 Patent No. US20020048800A1
                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                   Best Local
                                                                                                        APPLICANT: GU, Yizhong APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 25
TYPE: DNA
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/328,205 FILING DATE: 2001-10-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00663 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00667 FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00670 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                  B14 TGCCGCTGGAGGAAGAGGACAC 835
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T: PENN, Sharron G.
T: HANZEL, David K.
T: RANK, David R.
T: CHEN, Wensheng
T: SHANNON, Mark
INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                  20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20;
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Similarity 90.9%;
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                                                                                                           Yonggang
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Pred. No. 2.2e+02
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Pred. No. 2
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25

REFERENCE: AEOMICA-7

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RESULT 138
US-10-723-361-12694
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    PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
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; ORGANISM: Homo sapiens
US-09-866-108-12694
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Publication No. US20040137589A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Aeomica
SEQ ID NO 12694
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Best Local Similarity
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APPLICANT: JI, Yonggar
APPLICANT: PENN, Shar:
APPLICANT: HANZEL, Da
                                                                                                                                                                                     APPLICANT: SHANNON, MAXK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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APPLICATION NUMBER: US 60/266,860
FILING DATE: 2001-02-05
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00667
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HANZEL, David
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US 60/236,359
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Pred. No. 2.4e+02
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                                                                                                                                                                                       RESULT 140
US-10-418-182-176
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                 Sequence 176, Application US/10418182
publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,
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; ORGANISM: Artificial Sequence ; PEATURE: ; OTHER INFORMATION: oligonucleotide US-10-418-182-150
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PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR PRILING DATE: 2001-01-30

PRIOR PPLICATION NUMBER: PCT/US01/00664

PRIOR PPLICATION NUMBER: PCT/US01/00669

PRIOR PPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
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Best Local Simi
Matches 21;
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SEQ ID NO 12694
LENGTH: 25
TYPE: DNA
                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 150
LENGTH: 27
                                                                            Matches
                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/373,558 PRIOR FILING DATE: 2002-04-17
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                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                 Local
1663 GCCAGCTCCTGCAGCAGATGAAGAA 1687
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                                                                                             n 0.4%;
Similarity 84.0%;
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                                                                                               Score 18.6; DB 1;
Pred. No. 2.7e+02;
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Pred. No. 2
                                                                            Mismatches
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                                                                                                                   DB 1;
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                                                                                                               Length 27;
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RESULT 141
US-09-752-639-40
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                                    US-09-752-639-40
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NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 176
   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Facto
TITLE OF INVENTION: of US
                                                                                                                     NEORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 06/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Comparation COMPUTER: IBM Comparation COMPUTER: Windows OPERATING SYSTEM: Windows Version 2.0b SOFTWARE: FastSSQ for Windows Version 2.0b CURRENT APPLICATION DATA: US/09/752,639
                                                                                                                                                                                     TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: PRIOR APPLICATION DATA:
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MEDIUM TYPE: Diskette
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hes 21; Conservative
                                                                                                                                                                                                                 NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22
                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
APPLICATION NUMBER:
FILING DATE:
                                                                    STRANDEDNESS:
                                                                                TYPE: nucleic acid
                                                                                                                                                                      TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 94304-1018
                                                      TOPOLOGY:
                                                                                                   ENGTH:
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Pred. No. 2.7e+02;
   Score 18.4;
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Length 20;
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                          NAME: Wu, Frank
REGIZATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                       FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gatanaga, T. APPLICANT: Granger, G.A. TITLE OF INVENTION: Fact
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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TELEFAX: 706141
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                                                                        Local
                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 08/964,747
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER:
                                                                                                                                      TOPOLOGY:
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Similarity 95.0%;
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                                                                        Score 18.4;
Pred. No. 1
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                                                                         1.8e+02;
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US-10-077-383-29/c ; Sequence 29, Application US/10077383 ; Publication No. US20030050444A1

RESULT 143

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                                                                                                  Query Match
Best Local 9
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Best Local Similarity
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SEQ ID NO 29
                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
APPLICANT: U'Ren, Jack
APPLICANT: Saigene Corporation
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/L0/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR APPLICATION DATE: 2001-06-07
NUMBER OF SEQ. ID NOS: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 029849/0206
CURRENT APPLICATION NUMBER: US/10/661,088
CURRENT FILING DATE: 2003-09-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/410,264 PRIOR FILING DATE: 2002-09-13
                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 36 SOFTWARE: PatentIn Ver. 3.2
                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
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OTHER INFORMATION: sequence, where X = a and Y = g
                                                                                                                                                                                                                                                                    TYPE: DNA
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RESULT 145

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 17, Application No. US20044; GENERAL INFORMATION: APPLICANT: VALILANT, JAPPLICANT: JUTEAU, JI
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Matches
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SEQ ID NO 17
LENGTH: 20
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Best Local Similarity
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                                                                                                               Query Match
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Publication No.
                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0204
CURRENT APPLICATION NUMBER: US/10/661,097
CURRENT FILING DATE: 2003-09-12
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PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 3.2
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
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TYPE: DNA
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APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029849/0206
                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                            TYPE: DNA
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Pred. No. 1.8e+02
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US-10-661-097-18
                                                                                                                                                      US-10-661-355-17
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CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
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PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARR: Patentin Ver. 3.2
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 17, Application US/10661355
Publication No. US20040170959A1
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Best Local Similarity
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LENGTH: 20
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                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-12-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING
FILE REFERENCE: 029849/0204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: VAILLANT, APPLICANT: JUTEAU,
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ORGANISM: Artificial Sequence
                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                  TYPE: DNA
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Pred. No. 1.8e+02
                                                                                        Score 18.4; DB 1;
Pred. No. 1.8e+02;
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                                                                                                            DB 1;
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LENGTH: 20
TYPE: DNA
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Publication No. US20040171568A1
GENERAL INFORMATION:
                                                                         Matches
                                                                                                          Query Match
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SEQ ID NO 17
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOD NATE TOTAL
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Best Local Similarity
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PRIOR PILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR PILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER: 09 SEQ ID NOS: 36
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PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver: 3.2
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PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-12-05
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
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                                                                                          0.3%; Score 18.4;
95.0%; Pred. No. 1
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Pred. No. 1
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; FEATURE:
; AME/KEY: misc feature
; LOCATION: (21)...(21)
; OTHER INFORMATION: H is A or C or T/U, not G
US-10-270-839-76
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US-10-270-839-76/c
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                                                                                                                                                                                                                                                                                              APPLICANT: Grasso, Luigi
APPLICANT: Sass, Philip M.
APPLICANT: Nicolaides, Nicholas C.
APPLICANT: Nicolaides, Nicholas C.
TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and PILE REFERENCE: AG0002US (MOR-0133)
CURRENT FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/328,750
PRIOR APPLICATION NUMBER: 60/328,750
PRIOR FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 129
SOPTWARE: PatentIn version 3.1
SEQ ID NO 76
LENGTH: 21
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SEQ ID NO 18
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                                         Matches
                                                                              Query Match
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PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR PILING DATE: 2002-09-13
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TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
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APPLICANT: Grasso, Lu
APPLICANT: Sass, Phil
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CURRENT FILING DATE: 2003-09-12
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APPLICANT: JUTEAU, JEAN-MAI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                   OTHER INFORMATION: Oligonucleotide primer
                                                                                                                                                                                                                                            FEATURE:
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                                       Local Similarity 95.(
les 19; Conservative
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  271 TCTCTCTCTTTCTCTCTC 290
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                                     Score 18.4; DB 1;
Pred. No. 1.9e+02;
0; Mismatches 1;
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Pred. No. 1.
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APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCI
FILE REFERENCE: AM10.1080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILLING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR PELLING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOPTWARE: Patentin version 3.2
SEQ ID NO 4612
LENGTH: 25
TYPE: DNA
COCCURENT STREET
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                                                                                                                       ; OTHER INFORMATION: Amplified oligonucleotide
US-09-465-589-9
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                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin version 3.1
SEQ ID NO 9
LENGTH: 28
TYPE: DNA
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                                                          Query Match
Best Local
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Best Local :
                                         Matches
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPETITIO
TITLE OF INVENTION: OLIGONUCLEOTIDE UNIT (AS AMENDED)
FILE REFERENCE: 4305/12293-US2
CURRENT APPLICATION NUMBER: US/09/465,589
CURRENT FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR FILING DATE: 1998-06-04
PRIOR FILING DATE: 1998-12-05
PRIOR PRIOR APPLICATION NUMBER: DCT/DK96/00513
PRIOR FILING DATE: 1996-12-05
PRIOR PILING DATE: 1995-12-05
PRIOR PILING DATE: 1995-12-05
PRIOR FILING DATE: 1995-12-05
PRIOR FILING DATE: 1995-12-05
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                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                       Local Similarity
nes 22; Conserv
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271 TCTCTCTCTTCTCTCTCTCTCTCTGC 298
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Dorner, Andrew J.
Trepicchio, William
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                                         Conservative
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                                                            Score 18.4; DB 1;
Pred. No. 3.1e+02;
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Pred. No. 2.6e+02
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                                         Mismatches
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US-09-866-108-12693
, Sequence 12693, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
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                                                                                                                                                                                                                                                                       ; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12692
                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ 10 NO SOFTWARE: Acomica S SEQ ID NO 12692
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APPLICANT: JI
APPLICANT: PE
APPLICANT: HA
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Patent No. US20020048800A1
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
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CHEN, Wensheng
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Pred. No. 2.8e-
0; Mismatches
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RESULT 157
US-10-098-263B-68987
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12693
                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 68987
                                                                                                                                                                                                     Sequence 68987, Application US/10098263B Publication No. US20030104410A1
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APPLICANT:
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SOFTWARE: Aeomica Sequence
                                                                                                                               FILE REFERENCE: 3118.1
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00662
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T: SHANNON, Mark
INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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Similarity 87.0%;
                                                                                                                                                                                                                                                                                                                  GCCAGCTTCAGCAGCAGCTGAAG
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PENN, Sharron
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RESULT 159
US-10-723-361-12693
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; ORGANISM: Homo sapiens
US-10-723-361-12692
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US-10-723-361-12692
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR PPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
               Sequence 12693, Application US/10723361 Publication No. US20040137589A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12692
LENGTH: 25
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Best Local Similarity 87.0%;
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Best Local Similarity
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APPLICANT: GU, Yizhong
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ORGANISM: Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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HANZEL, David K.
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Pred. No. 2.
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Pred. No. 2
                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .8e+02
                                                                                                                                                                                                                                             .8e+02;
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                                                                                                                                                                                                                                                          Length 25;
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APPLICANT: Twine, Natalie

APPLICANT: Dorner, Andrew

APPLICANT: Trepicchio, William

ITILE OF INVENTION: Method for Monitoring Drug Activities In FILE REFERENCE: AM101080 (031896-013000)

CURRENT APPLICATION NUMBER: US/10/775,169

CURRENT FILING DATE: 2004-02-11

NUMBER OF SEQ ID NOS: 5278

SOFTWARE: PatentIn version 3.2

SEQ ID NO 2638

LENGTH: 25

TYPE: DNA
ORGANISM: probe
US-10-775-169-2638
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US-10-723-361-12693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: Acomica Sequence Listing Engine
SEQ ID NO 12693
LENGTH: 25
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2638, Application US/10775169 Publication No. US20040175743A1 GENERAL INFORMATION:
Query Match
Best Local Similarity
Matches 20; Conserv
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1663 GCCAGCTCCTGCAGCAGATGAAG 1685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 GCCAGCTTCAGCAGCAGCTGAAG 24
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PENN, Sharron
HANZEL, David
                                                                                                                                                                                                                                                                                                                                                                                      Burczynski, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RANK, David R. CHEN, Wensheng
    Conservative
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                   0.3%;
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Score 18.2; DB 1
Pred. No. 2.8e+02
0; Mismatches
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Pred. No. 2.8e+02
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                                            DB 1;
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                                       Length 25;
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Gaps
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APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
APPLICANT: Gray, Gary S.
ITILE OF INVENTION: POLYMORPHIC ELEMENTS IN THI
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOW
FILER REFERENCE: GMN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
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SEQ ID NO 13
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Best Local Similarity
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Publication No. US20030148453A1
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CURRENT APPLICATION NUMBER: US/10/286,993

CURRENT FILING DATE: 2002-08-13

PRIOR APPLICATION NUMBER: US/09/120,804

PRIOR FILING DATE: 1998-07-23

PRIOR APPLICATION NUMBER: PCT/F197/00037

PRIOR FILING DATE: 1997-01-24

PRIOR FILING DATE: 1997-01-24
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PRIOR FILING DATE: 1996-01-26
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Production and Secretion of TITLE OF INVENTION: Fungi
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APPLICANT: Palohei
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LOCATION: (1). (27)
COUNTRY INFORMATION: Partial sequence of the fusion in pALK948. Bases 1-5
OTHER INFORMATION: are bases 13
OTHER INFORMATION: 42-1346 of T.reesei man1 sequence, bases 6-18 are synthetic KEX2-
OTHER INFORMATION: linker, bases are 19-27 are bases 432-440 of A.flexuosa AM35 sequence.
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TYPE: DNA
ORGANISM: Trichoderma reesei and Actinomadura flexuosa (STRAIN: QM6a and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lahtinen, Tarja
Suominen, Pirkko
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PCT/US00/07938
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Pred. No. 3.4e+02;
0; Mismatches 5;
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US-10-418-182-104/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-194-370-16
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US-10-194-370-16
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Best Local Similarity 90.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Paul Andrew Whittaker et al
TITLE OF INVENTION: Disease-Associated Gene
FILE REFERENCE: Case 4-32067A/HO 41
CURRENT APPLICATION NUMBER: US/10/194,370
CURRENT FILING DATE: 2002-07-12
                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version SEQ ID NO 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 16
                                                Matches
                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Crea, Ro
                                                                                                                                                                                                                                                                                                                                                                      Sequence 104, Application US/10418182 Publication No. US20030228302A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 16, Application US/10194370 Publication No. US20030096270A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
                                                                                                                                                                                                                              TITLE OF INVENTION: UNIVERSAL LIBRARIES FILE REFERENCE: 1551.2001-001 CURRENT APPLICATION NUMBER: US/10/418,18 CURRENT FILING DATE: 2003-04-16 PRIOR APPLICATION NUMBER: 60/373,558 PRIOR FILING DATE: 2002-04-17 NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 20
NUMBER OF SEQ ID NOS:
                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                         OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                      ENGTH: 21
4416 AATAATAATATTAATAATAAT 4436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4152 CCTCCTGCTGGCTCCTCCTGC 4172
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                                                l Similarity
19; Conserv
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                                                                                                                                                                                                                                                                                                                                           Roberto
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                                                           90.5%;
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Pred. No. 2.5e
0; Mismatches
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                                            Score 17.8; DB 1;
Pred. No. 2.5e+02;
0; Mismatches 2
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Pred. No. 2.
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                                                                              DB 1;
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                                                                           Length 21;
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US-09-866-108-4276
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; ORGANISM: RNA1-sense strand
US-10-786-720-14807
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US-10-786-720-14807
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US-10-418-182-134
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                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wyeth
APPLICANT: O'TOO1e, Margot
APPLICANT: Liu, Mei
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 03196-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 14807
LENGTH: 21
                                                                  Sequence 4276, Application US/09866108 Patent No. US20020048800A1 GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: Crea, Ro
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Best Local Similarity
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SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 134
LENGTH: 21
                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                  APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggai
APPLICANT: PENN, Shar:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS FILE REFERENCE: 1551.2001-001 CURRENT APPLICATION NUMBER: US/10/418,182 CURRENT FILING DATE: 2003-04-16 PRIOR APPLICATION NUMBER: 60/373,558 PRIOR APPLICATION NUMBER: 60/373,558 PRIOR FILING DATE: 2002-04-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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Local Similarity 90.5%;
hes 19; Conservative
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 HANZEL, David
                  JI, Yonggang
PENN, Sharron
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o. US20030228302A1
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                                                                                                                                                                                                                                                                   6; Mismatches
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Pred. No. 2.
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Pred. No. 2.5e+02
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LENGTH: 25
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APPLICANT: SHANNON, MACK
TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-00-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
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US-09-866-108-4276
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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Best Local Similarity 90.5%;
                      APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OP INVENTION: WYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108.
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
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SOFTWARE: Aeomica Sequence Listing Engine
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/266,860
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PRIOR APPLICATION NUMBER:
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GB 24263.6
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Pred. No. 3.
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APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27

2000-10-04

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RESULT 169
US-09-866-108-4278
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; ORGANISM: Homo sapiens
US-09-866-108-4277
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SOFTWARE: ACOM-
; SEQ ID NO 4277
FONGTH: 25
                                                                      CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharry
APPLICANT: HANZEL, David
APPLICANT: RANK, David
APPLICANT: CHEN, Wenshe
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                    PRIOR FILING DATE: 2001-01-30 PRIOR APPLICATION NUMBER: PCT.
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FILING DATE: 2000-09-21
APPLICATION NUMBER: US 60/266,860
FILING DATE: 2001-02-05
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APPLICATION NUMBER: PCT/US01/00663
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                                    APPLICATION NUMBER: PCT/US01/00664
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION:
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PENN, Sharron G.
HANZEL, David K.
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PCT/US01/00669
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Pred. No. 3.3e
0; Mismatches
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US-09-866-108-4279
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4278
                                                                                                                                                           PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILLING DATE: 2000-10-04
PRIOR PELLOATION NUMBER: US 60/236,355
PRIOR PELLOATION NUMBER: PCT/US01/0066
PRIOR APPLICATION NUMBER: PCT/US01/0066
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SEQ ID NO 4278
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Best Local Similarity 90.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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                   APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
FILING DATE: 2001-01-30
                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
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FILING DATE: 2000-09-21
APPLICATION NUMBER: US 60/266,860
APPLICATION NUMBER: PCT/US01/00662
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FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00666
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION
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5. US20020048800A1
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Pred. No. 3
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RESULT 171
US-09-866-108-4280
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; ORGANISM: Homo sapiens
US-09-866-108-4279
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SOFTWARE:
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
                                          NUMBER OF SEQ ID NOS: 15752
                                                              PRIOR APPLICATION NUMBER: US 60/266,860 PRIOR FILING DATE: 2001-02-05
                                                                                                                           PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
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                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00661
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00670
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
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                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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PENN, Sharron
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Pred. No. 3.3e+02;
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Sequence 12723, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
ITITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT FILING DATE: 2003-01-08

CURRENT FILING DATE: 2003-03-16

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 127273

LENGTH: 25
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; ORGANISM: Homo sapiens
US-09-866-108-4280
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US-10-098-263B-127273
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 40421
LENGTH: 25
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Best Local Similarity
Matches 19; Conserv
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Best Local (
                                                               Matches
                                                                             Best Local Similarity
                                                                                            Query Match
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                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapien
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                    849 GAGGAGGACACAGAAAGTGTC 869
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Pred. No. 3
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Pred. No. 3
                                                                             Score 17.8;
Pred. No. 3.
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                                                               Mismatches
                                                                              3.3e+02
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US-10-061-201-3145/c

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; ORGANISM: Homo sapiens
US-10-061-201-3145
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                                                                                                 CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
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LENGTH: 25
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GENERAL INFORMATION
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/10/061,20:
CURRENT FILING DATE: 2002-01-30
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CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
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SOFTWARE: Aeomica Sequence Listing Engine
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PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
                                                            FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00663
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19; Conser
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Pred. No. 3
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3.3e+02;
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PRIOR APPLICATION NUMBER: US 60
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aeomica Sequence List
SEQ ID NO 3150
LENGTH: 25
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                                                                                                      ; ORGANISM: Homo sapiens 
US-10-723-361-4276
                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DCT/US01/00666
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3150
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SOFTWARE: Acomica Sequence Listing Engine SEQ ID NO 4276
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
FILE REFERENCE: PB0105
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TYPE: DNA
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                                                      Local
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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769 ACAAGAAGGAAAACATGGGGC 789
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Similarity 90.5%;
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19; Conservative
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RANK, David R.
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                                                                    Score 17.8;
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Pred. No. 3
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                                    Mismatches
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GENERAL INFORMATION.

APPLICANT: GU, Vizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

POPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

Mark
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US-10-723-361-4278
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Best Local :
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LENGTH: 25
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FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
                                                                                                              APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
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CURRENT APPLICATION NUMBER: US/10/723,361
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APPLICANT: JI, Yonggang
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY
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Local Similarity 90.5%;
les 19; Conservative
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APPLICATION NUMBER: PCT/US01/00667
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HANZEL, David K.
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; ORGANISM: Homo sapiens
US-10-723-361-4278
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US-10-723-361-4279
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR PELICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PELICATION NUMBER: US 4263.6
PRIOR PELICATION NUMBER: US 4263.6
PRIOR PELICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
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Best Local Sim
Matches 19;
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4278
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APPLICANT: GU, Yizh
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APPLICANT:
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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APPLICATION NUMBER: GB
FILING DATE: 2000-10-04
                                                              FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                            APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00666
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PENN, Sharron
HANZEL, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , Yizhong
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Pred. No. 3
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See File Wrapper
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; ORGANISM: Homo sapiens
US-10-723-361-4279
RESULT 181
US-10-775-169-636
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US-10-723-361-4280
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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US-10-723-361-4280
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LENGTH: 25
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SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4279
LENGTH: 25
                                                                                                                                                                             Query Match
Best Local
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Best Local (
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00664
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00668
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                                                                                                                   769 ACAAGAAGGAAAACATGGGGC 789
                                                                                                                                                      0.3%;
1 Similarity 90.5%;
19; Conservation
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RANK, David R.
CHEN, Wensheng
                                                                             ATAAGAAGGAAAAGATGGGGC 21
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                                                                                                                                                                         Score 17.8; DB 1;
Pred. No. 3.3e+02;
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Pred. No. 3.3e+02;
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                                                                                                                                                                                                Length 25;
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RESULT 183
US-09-940-185-3949/c
; Sequence 3949, Application US/09940185
; Publication No. US20030096239A1
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US-10-775-169-637
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US-10-775-169-636
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SOFTWARE: PatentIn version
SEQ ID NO 637
                                                                                                                                      GENERAL INFORMATION:
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Best Local S
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Best Local Similarity 90.5%;
Matches 19; Conservative
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SEQ ID NO 636
LENCTH: 25
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                  Matches
TITLE OF INVENTION: Probes and Decoder Oligonucleotides FILE REFERENCE: A-69605-1 CURRENT APPLICATION NUMBER: US/09/940,185 CURRENT FILING DATE: 2001-08-27 PRIOR APPLICATION NUMBER: US 60/227,948 PRIOR FILING DATE: 2000-08-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dorner, Andrew APPLICANT: Trepicchio, William APPLICANT: Trepicchio, William TITLE OF INVENTION: Method for Monitoring Drug Activities FILE REFERENCE: AM101080 (031896-013000) CURRENT APPLICATION NUMBER: US/10/775,169 CURRENT FILING DATE: 2004-02-11
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APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug
FILE REFERENCE: AM101080 (031996-013000)
                                                                                                       APPLICANT: Gunderson, I APPLICANT: Chee, Mark
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CURRENT FILING DATE: 2004-02-11
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TYPE: DNA
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Twine, Natalie
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Twine, Natalie
Dorner, Andrew
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b. US20040175743A1
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Pred. No. 3.3e
0; Mismatches
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RESULT 184
US-09-770-621-11
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US-09-940-185-3949
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Best Local Similarity
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PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 4768
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3949
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
               TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                           CLASSIFICATION:
CRASSIFICATION DATA:
PRIOR APPLICATION DATA:
US 08/282,001
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/770,621
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lahtinen TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-2600
                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/332,412
FILING DATE: 31-OCT-1994
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                NAME: Bugaisky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 1050.0340003
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                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 29-JU
                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
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LENGTH:
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1100 New York Ave.,
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Suominen, Pirkko
Suominen, Tarja
Lahtinen, Tarja
TANTION: Production and Secretion of Proteins
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milarity 83.3%;
Conservative
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Fagerstr m, Richard
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                                                                                                                                                                                  29-JUL-1994
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Pred. No. 3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GOLDSTEIN & FOX, P.L.L.C. N.W. Suite 600
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; ORGANISM: Homo sapiens US-09-866-108-12695
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                                                     SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 12695
LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 12695, Application US/09866108 Patent No. US20020048800A1
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Best Local Similarity
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                            PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2001-02-05
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PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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                                                                                                           NUMBER OF SEQ ID NOS: 15752
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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                                      TYPE: DNA
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LOCATION:
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STRANDEDNESS:
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00664
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                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00661
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                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00665
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EDNESS: both
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Pred. No. 3.
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Query Match

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US-10-060-756A-2222/c
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Best Local Similarity
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SEQ ID NO 2222
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                                                                                                      CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
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CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                            APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
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PRIOR
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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2001-05-23
APPLICATION NUMBER: US 60/327,898
FILING DATE: 2001-10-09
                                   APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
                                                                     APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
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Pred. No. 3.6e
0; Mismatches
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); Mismatches 4;
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                                                    ; ORGANISM: Homo sapien 
US-10-098-263B-45198
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2223
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SEQ ID NO 6364
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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APPLICANT: Michael Mittmann
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0.3%;
Score 17.6; DB 1; Pred. No. 3.6e+02;
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; OTHER INFORMATION: Synthetic Oligonucleotide US-10-215-112-6364
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 45198
LENGTH: 25
TYPE: DNA
                                                                                                                                                                                                                                                                                          Sequence 45198, Application US/10098263B Publication No. US20030104410A1
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Publication No. US20030082596A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE; 3119
CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE; FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Method of Genetic Analysis of TITLE OF INVENTION: Test3
                                                                                                            PRIOR APPLICATION NUMBER: 60/276,759 PRIOR FILING DATE: 2001-03-16
                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/098,263B CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                    TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
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PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
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Pred. No. 3.6e+02;
0; Mismatches 4
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Pred. No. 3
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Length 25

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US-10-098-263B-83204/c
US-10-098-263B-83204/c
; Sequence 83204, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
                                                                                                                                             RESULT 192
US-10-061-201-3141/c
                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA; Homo sapien; ORGANISM: Homo sapien US-10-098-263B-83203
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Sequence 83203, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 83204
Sequence 3141, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 20; Conservative
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 83203
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CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/096,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
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Pred. No. 3.
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Pred. No. 3.
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; Sequence 3142, Application US/10061201
; Publication No. US20030166229A1
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PRILING DATE: 2001-01-30
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Matches
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SEQ ID NO 3141
LENGTH: 25
SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 3142
LENGTH: 25
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                                                                       NUMBER OF SEQ ID NOS: 4162
                                                                                              PRIOR FILING DATE: 2001-10-10
                                                                                                                  PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR APPLICATION NUMBER: US 60/328,205
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
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PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
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PRIOR APPLICATION NUMBER: US 09/864,761
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION UNMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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CURRENT FILING DATE: 2002-01-30
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APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00663
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ilarity 83.3%;
Conservative
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Pred. No. 3.6e+02;
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APPLICANT: ILEPLONIA K.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC
FILE REFERENCE: AM10.1080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: Patentin version 3.2
SEQ ID NO 4365
LENGTH: 25
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US-10-723-361-12695
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US-10-717-597-4365/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4365
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              CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                           APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharry
APPLICANT: HANZEL, David
APPLICANT: RANK, David
                                                                                                                                                                                                                                                                                                                                                                   Sequence 12695, Application US/10723361 Publication No. US20040137589A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 83.3%;
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APPLICANT:
                                                                                                                                                                               APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
FILE REFERENCE: PB0105
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APPLICANT: Burc:
APPLICANT: Twins
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Local Similarity 83.3%;
es 20; Conservation
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                                                                                                                                                                                                                                          RANK, David R. CHEN, Wensheng
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Trepicchio, William L.
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NUMBER: US 60/236,359
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Pred. No. 3.6e+02;
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RESULT 196
US-09-961-077-929
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00664
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00668
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SOFTWARE: Acomica Sequence Listing Engine SEQ ID NO 12695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 929, Applicat Publication No. US2003 GENERAL INFORMATION:
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Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
                                                                                                                                                                                             OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                  STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1664 CCAGCTCCTGCAGCAGATGAAGAA 1687
                                                                                                       APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: COMPOSITION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20;
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APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09961077
b. US20030014775A1
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Skokut, www.
Young, Scott A.
Young, Scott A.
Folkerts, Otto
Folkerts, Otto
Folkerts, Onnald J.
Fomposit
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Suite 4700
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Pred. No. 3.6e+02;
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                                                                                                       US-10-211-859-25/c
                                                                                                                           RESULT 198
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                                                 Sequence 25, Application US/10211859 Publication No. US20040022765A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/10114091
Publication No. US20020197243A1
GENERAL INFORMATION:
APPLICANT: Nicolette, Charles A.
TITLE OF INVENTION: BOYNE DS3BP2 COMPOUNDS FOR THERAPY AND DIAGNOSIS AND METHODS FOR TITLE OF INVENTION: SAME
TITLE OF INVENTION: SAME
FILE REFERENCE: GZ 2106.00
                                                                                                                                                                                                                                                   Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/114,091
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: US 60/280,794
PRIOR FILING DATE: 2001-03-30
                    APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 22
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INFORMATION FOR SEQ ID NO: 929:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: n = A,T,C or
                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: 6, 9, 15, 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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INVENTION: ANTISENSE MODULATION OF RAN GTPASE ACTIVATING PROTEIN 1 EXPRESSIG
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                                                                                                                                                                                                                                                                  Similarity
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TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER:
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REFERENCE/DOCKET NUMBER: 219/247
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                Kenneth W. Dobie
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Pred. No. 46
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: BC7/US01/00666
PRIOR APPLICATION NUMBER: PC7/US01/00667
PRIOR APPLICATION NUMBER: PC7/US01/00664
PRIOR PILING DATE: 2001-01-30
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SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                           SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 4281 LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4281, Application US/09866108 Patent No. US20020048800A1
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Best Local Similarity
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PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-20
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CURRENT APPLICATION NUMBER: US/10/211,859
CURRENT FILING DATE: 2002-07-31
                                                                                                                                           PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US01/00668
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                                                                                                                     NUMBER OF SEQ ID NOS: 15752
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ORGANISM: Homo sapiens
                          TYPE:
                                                                                                                                                                                                             APPLICATION NUMBER: US 60/234,687
                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00661
                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00662
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Pred. No. 2
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1.7e+02;
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; ORGANISM: Homo sapiens
US-09-866-108-4282
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                                                                                                                                                                    NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence
SEQ ID NO 4282
LENGTH: 25
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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APPLICANT: JI, Yongga
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FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/234,687
                                                                                                                                                                                                                                                                                            FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00661
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/236,359
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                771 AAGAAGGAAAACATGGGGC 789
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18; Conserv
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US20020048800A1
                                                                           Similarity
                                                                                                                                                                                                                                                                                                                                                                         CATION NUMBER:
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HANZEL, David K.
                                                           Conservative
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                                                        Score 17.4; Di
Pred. No. 3.9e.
0; Mismatches
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Pred. No. 3.
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                                                                                     Length 25;
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US-10-723-361-4282
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US-10-723-361-4281
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CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-10-04
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SEQ ID NO 4281
LENGTH: 25
TYPE: DNA
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Matches
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Publication No. US20040137589A1
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Publication No. US20040137589A1
                                                                                                                                                                                                 APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Remaining Prior Application NUMBER OF SEQ ID NOS: 15755 SOFTWARE: Aeomica Sequence I
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APPLICANT: HANZEL, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, MARK
                                                                                                                                                                                                                                                               APPLICANT: GU, Yizhong
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PRIOR FILING DATE: 2001-01-30
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00664
OR APPLICATION NUMBER: PCT/US01/00669
OR APPLICATION NUMBER: PCT/US01/00665
OR APPLICATION NUMBER: PCT/US01/00665
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
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FILLAT DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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PENN, Sharron (
HANZEL, David F
                                                                                                                                                                                                                                                                                                                                                                                                                                              AAGAAGGAAAAGATGGGGC
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Pred. No. 3
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RESULT 204
US-09-756-095-53/c
; Sequence 53, Application US/09756095
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; ORGANISM: Homo sapiens
US-10-723-361-4282
                                                                                                                                                                                                                                                         OTHER INFORMATION: synthetic oligo
US-10-002-623-32
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                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 952
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 32
LENGTH: 23
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 4282
LENGTH: 25
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Best Local Similarity
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APPLICANT: OEFNER, PETER J.
APPLICANT: UNDERHILL, PETE
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Publication No.
                                                                                                                                                                               Matches
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Best Local Similarity
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TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
TITLE OF INVENTION: POPULATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICATION NUMBER: PCT/US01/00664
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FILING DATE: 2000-09-27
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                                                                                                                                                                                               Score 17.2;
Pred. No. 3.
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Pred. No. 3.9e+02;
                                                                                                                                                                             Mismatches
                                                                                                                                                                                         .7e+02;
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APPLICANT: Galcastalo, Madalah
APPLICANT: Manefield, Gary S.
APPLICANT: Manefield, Gary S.
FITLE OF INVENTION: METHODS OF COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLICING
FILE REFERENCE: A31304-BAE (072874.0156)
CURRENT APPLICATION NUMBER: US/09/941,492
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 09/838,858
PRIOR APPLICATION NUMBER: 09/756,096
PRIOR APPLICATION NUMBER: 09/756,096
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR APPLICATION NUMBER: 09/189,863
PRIOR APPLICATION NUMBER: 09/189,233
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 08/766,354
PRIOR APPLICATION NUMBE
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APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: Garcia-Blanco, Mariano A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLICIN
FILE REFERENCE: A31304-B-A 072874,0134
CURRENT APPLICATION NUMBER: US/09/756,095
CURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 09/13,717
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/13,717
PRIOR FILING DATE: 1998-09-33
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 09/087,237
PRIOR FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 09/08,354
PRIOR APPLICATION NUMBER: 09/08,354
PRIOR APPLICATION NUMBER: 09/08,354
PRIOR APPLICATION NUMBER: 09/08,354
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 205
US-09-941-492-53/c
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Best Local Similarity 86.4%;
Matches 19; Conservative
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LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version
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NUMBER OF SEQ ID NOS: 105
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FEATURE:
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Pred. No. 3.9e+02;
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RESULT 207
US-09-838-858-53/c
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PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 08/766,354
PRIOR FILING DATE: 1996-12-13
PRIOR FILING DATE: 1996-12-13
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SOFTWARE: FastSEQ for
SEQ ID NO 53
LENGTH: 24
                                                                                                                                                                                                                                 Sequence 53, Application US/09838858 Publication No. US20030148937A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                GENERAL INFORMATION
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APPLICANT: Walsh, Christopher E.
APPLICANT: Chao, Hengjun
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLI
FILE REFERENCE: A31304-BAD 072874.01
CURRENT APPLICATION NUMBER: US/09/838,858
                                                                                          APPLICANT: Mansfield, Gary S.
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano
APPLICANT: Walsh, Christopher E.
APPLICANT: Chao, Hengjun
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APPLICANT: MANBÉIGID, GARY S.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLIF
TILE REFERENCE: A31304-B-A-B 072874.0135
CURRENT APPLICATION NUMBER: US/09/756,096A
CURRENT FILING DATE: 2001-01-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: trans-spliced product containing Human chorionic OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium OTHER INFORMATION: diptheriae diptheria toxin A sequence
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les 19; Conserv
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ilarity 86.4%;
Conservative
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Pred. No. 3.9e+02;
0; Mismatches 3
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Pred. No. 3.9e+02
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                                                    TRANS-SPLICING
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: 09/158,863
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-05-28
PRIOR FILING DATE: 1998-05-28
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SEQ ID NO 53
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APPLICANT: JI
APPLICANT: PE
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABOMICA-7
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NUMBER OF SEQ ID NOS: 113
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PRIOR FILING DATE: 1996-12-13
PRIOR APPLICATION NUMBER: 60/008,317
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TYPE: DNA
ORGANISM: Artificial Sequence
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JI, Yonggang
PENN, Sharron G.
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Pred. No. 3
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Sequence 33930, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF EQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 33930
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; ORGANISM: Homo sapien
US-10-098-263B-23354
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; ORGANISM: Homo sapiens
US-09-866-108-12691
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Best Local Similarity
Matches 19; Conserv
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Best Local
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LENGTH: 25
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
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10-098-263B-33930
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PRIOR FILING DATE: 2000-09-21
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                                   TYPE: DNA
              ORGANISM: Homo sapien
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nes 19; Conservative
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
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Pred. No. 4.2e+02;
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Pred. No. 4.2e+02;
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US-10-098-263B-73322
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Best Local S
Matches 19
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEO ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing SEQ ID NO 73322
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 73322, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 62327
LENGTH: 25
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Best Local Similarity 86.4%;
Matches 19; Conservative
                                                                       Matches
                                                                                                       Query Match
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FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,2638
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 3118.1
                                                                                                                                                                                 TYPE: DNA
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                                                                     / Match 0.3%;
Local Similarity 86.4%;
les 19; Conservative
                      1457 CAAAGTCGACGTTGAGTCTGGG 1478
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86.4%; Pred. No. 4.2e+02;
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Pred. No. 4.2e+02;
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Pred. No. 4.2e+02;
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RESULT 213 US-10-098-263B-99583

Sequence 99583, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION: APPLICANT: Mittman, Michael

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; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1
; SEQ ID NO 99584
; LENGTH: 25
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; ORGANISM: Homo sapien
US-10-098-263B-99584
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US-10-098-263B-99584
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; ORGANISM: Homo sapien
US-10-098-263B-99583
                                      US-10-098-263B-118518
                                                                                                         CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 18518
                                                                                                                                                                                                                                                                                                                   Sequence 118518, Application US/10098263B Publication No. US20030104410A1
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 99583
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 Query Match
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Best Local
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FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                         APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
                                                                                                                                                                                                                                             FILE REFERENCE: 3118.1
                                                    ORGANISM: Homo sapien
                                                                         TYPE: DNA
                                                                                             LENGTH: 25
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Local Similarity 86.4%;
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Pred. No. 4
Score 17.2;
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Pred. No. 4.2e+02
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Length 25;
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Sequence 15, Application US/10107748

Publication No. US20030165880A1

GENERAL INFORMATION:

APPLICANT: Variagenics, Inc.

TITLE OF INVENTION: Pluorescence-based Genotyping

FILE REFERENCE: 24748-7024 (268/244)

CURRENT APPLICATION NUMBER: US/10/107,748

CURRENT FILING DATE: 2903-03-26

PRIOR FILING DATE: 1999-09-10
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US-10-107-748-11/c
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                                                                                                                                      ; OTHER INFORMATION: Expected fragment from transferrin receptor cleavage.
US-10-107-748-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 217
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SEQ ID NO 11
LENGTH: 25
                                                                    Matches
                                                                                                 Query Match
                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 25
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Best Local Similarity
                                                                                    Best Local
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TITLE OF INVENTION: Pluorescence-based Genotyping
FILE REFERENCE: 24748-7024 (268/244)
CURRENT APPLICATION NUMBER: US/10/107,748
CURRENT FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: 09/394,467
PRIOR APPLICATION NUMBER: 09/394,467
PRIOR FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Expected fragments from transferrin receptor sequence after clea
                                                                                                                                                                       ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial
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                               4687 GAAGCCTGTTCTGTCCAGCTTC 4708
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22
                                                                     19;
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Similarity 86.4%;
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                                                                    Conservative
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Pred. No. 4.2e+02;
0; Mismatches 3;
                                                                                  Score 17.2; DB 1
Pred. No. 4.2e+02;
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0; Mismatches 3;
                                                                  Mismatches
                                                                                                     DB 1;
                                                                                                   Length 25;
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RESULT 218 US-10-717-597-3764/c

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US-10-717-597-3764
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Best Local Similarity 86.4%;
Matches 19; Conservative
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SEQ ID NO 3764
LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                         APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART.
FILE REFERENCE: PB0105
CURRENT PEPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
                                                                        PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
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CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
                     PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PPLICANT: Stover, Jennifer A.
ITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
ILE REFERENCE: AM101080L
                                                                                                                                                                                                                               FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                                                                                                            APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00666
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HANZEL, David K.
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Dorner, Andrew J.
Trepicchio, William L.
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Application data removed
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Pred. No. 4.
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See File Wrapper or PALM.
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                                                                     ; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4740
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US-10-775-169-4740/c
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; ORGANISM: Homo sapiens
US-10-723-361-12691
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SOFTWARE: PatentIn version
SEQ ID NO 2711
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SEQ ID NO 12691
LENGTH: 25
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NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4740
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Best Local Similarity
Matches 19; Conserv
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             Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Twine, Natalie
APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: ANIO1080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
                                                                                                                                                                                                                         APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AN101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
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19;
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Conservative
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             Score 17.2; DB 1
Pred. No. 4.2e+02
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Pred. No. 4
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Pred. No. 4.2e+02;
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US-09-759-967-17
is Sequence 17, Application US/09759967
publication No. US20030166518A1
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CURRENT APPLICATION NUMBER: US/09/759,967
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 23
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/207,456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
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                                                APPLICATION NUMBER: PCT/US01/00663 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00666 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: GB 24263.6
                                   FILING DATE: 2001-01-30
                                                                                                      FILING DATE: 2001-01-30
                                                                                                                       APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                       FILING DATE: 2001-01-30
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                                                                                                                                                                           APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00661 FILING DATE: 2001-01-30
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17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HANZEL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PatentIn version 3.0
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David K.
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100.0%; Pred. No.
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US-09-866-108-12594
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SOFTWARE: Accumany SEQ ID NO 12595
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SEQ ID NO 12594
LENGTH: 25
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Best Local
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
                                                 NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
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                                                                                        PRIOR APPLICATION NUMBER: US 60/266,860 PRIOR FILING DATE: 2001-02-05
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FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
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                                                                                                                                  APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
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Similarity 80.0%;
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Pred. No. 4
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                                                                                                Query Match
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SOFTWARE: Aeomica Sequence
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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                                                                                                                                             LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
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THE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                  1665 CAGCTCCTGCAGCAGATGAAGAACA 1689
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APPLICATION NUMBER: PCT/US01/00662
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HANZEL, David
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Pred. No. 4.5e+02;
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Pred. No. 4.5e+02
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US-09-866-108-12697
Sequence 12697, Application US/09866108; Patent No. US20020048800A1; GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PRIOR PAPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
US-09-866-108-12698
                        RESULT 227
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SEQ ID NO 12697
LENGTH: 25
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Best Local 9
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TYPE: DNA
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
FITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
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APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
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PENN, Sharron
HANZEL, David
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Pred. No.
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Sequence 12698, Application Patent No. US20020048800A1 GENERAL INFORMATION:

US/09866108

APPLICANT: GU, Yizhong APPLICANT: JI, Yongga

JI, Yonggang PENN, Sharron G.

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FITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
TYPE: NATA
TITLE OF INVENTION. EXPRESSION
FILING DATE: 2001-09-28
TYPE: NATA
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; ORGANISM: Homo sapiens
US-09-866-108-12698
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: PCT/US01/00666
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20; Conserv
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Pred. No. 4.5e+0
D; Mismatches
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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo 8:
US-10-060-756A-2464
                                                                                                                                                                                                                                                                                   RESULT 230
US-10-098-263B-57558/c
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US-10-060-756A-2464/c
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                                                  SEQ ID NO 57558
                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                Sequence 57558, Application US/10098263B Publication No. US20030104410A1
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Best Local Similarity
Matches 20; Conserv
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SEQ ID NO 2464
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Best Local Similarity
                                                                   NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
                                                                                                      CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                             APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: PB0177
ORGANISM: Homo sapien
                  LENGTH: 25
TYPE: DNA
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FILING DATE: 2001-05-23
APPLICATION NUMBER: US 60/327,898
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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Pred. No. 4.5e
0; Mismatches
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Pred. No. 4.5e+02;
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RESULT 233
US-10-098-263B-100653
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US-10-098-263B-80911/c
; Sequence 80911, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
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US-10-098-263B-96365/c
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                                                                                                                                                                                                                                                       US-10-098-263B-96365
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 96365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 96365, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
Sequence 100653, Application US/10098263B Publication No. US20030104410A1
                                                                                                                                                                                  Matches
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Best Local S
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 80911
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Best Local (
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CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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TITLE OF INVENTION: Human Microarray
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                                                                                                                                                                                                                                                                  LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
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ORGANISM: Homo sapien
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Local Similarity 80.0%;
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les 20; Conservative
                                                                                                                                3551 CGAGATGTTTGAGAACCCCCCTGTAT 3575
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                                                                                                                                                                                                 Score 17; DB 1;
Pred. No. 4.5e+02;
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Pred. No. 4.5e+02;
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Pred. No. 4.5e+02;
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US-10-098-263B-119199
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                PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                            RESULT 235
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                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILLING DATE: 2002-01-30
CURRENT FILLING DATE: 2002-01-30
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Homo sapien
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CURRENT APPLICATION NUMBER: US/10/098,263B; CURRENT FILING DATE: 2003-01-08; PRIOR APPLICATION NUMBER: 60/276,759; PRIOR FILING DATE: 2001-03-16; NUMBER OF SEQ ID NOS: 131066; SOFTWARE: Microarray Probe Sequence Listing G: SEQ ID NO 119199; LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 10653
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 119199, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray
                                                           Match 0.3%;
Local Similarity 80.0%;
3578 GTCCCTGAGTTCCTTCCCTAAGCCT 3602
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1363 AGGGTCCTGAGTCTCCGCACCGGCC 1387
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Similarity 80.0%; Pred. No. 4.5e+02;
                                                                                                                                                                                                                                  Sequence Listing Generator V 1.1
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                                         0; Mismatches
                                                             Score 17;
Pred. No.
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                                                               4.5e+02;
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; ORGANISM: Homo sapiens
US-10-061-201-3144
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US-10-061-201-3144/c
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; ORGANISM: Homo sapiens
US-10-061-201-3143
                                                                          Best Loc
Matches
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SOFTWARE: Aeomica Sequence
SEQ ID NO. 3144
LENGTH: 25
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LENGTH: 25
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                                                                                                              Query Match
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CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
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PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
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PRIOR
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US01/00670
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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NUMBER OF SEQ ID NOS: 4162
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1 Similarity 80.0%;
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                                                                      Score 17; DB 1;
Pred. No. 4.5e+02;
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Pred. No.
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RESULT 238
US-10-723-361-12595
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LENGTH: 25
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Publication No. US20040137589A1
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Best Local
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Publication No. US20040137589A1
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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APPLICANT:
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
                                     APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED
FILE REFERENCE: PB0105
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PRIOR
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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART &
FILE REFERENCE: PB0105
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APPLICANT: JI, Yongga
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ORGANISM: Homo sapiens
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
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                                                                                            HANZEL, David K
RANK, David R.
CHEN, Wensheng
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Pred. No. 4.5e+02;
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NUMBER: US 60/207,456

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US-10-723-361-12595
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SEQ ID NO 12595
LENGTH: 25
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
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-10-723-361-12696
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
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                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILING DATE: 2000-05-26
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APPLICATION NUMBER: PCT/US01/00667
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                                     APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
                                                                            APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RANK, David R. CHEN, Wensheng
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                  NUMBER: PCT/US01/00668
                                                                                                                                                          2001-01-30
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2001-01-30
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Pred. No. 4.
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                                                                                                                                                 US-10-723-361-12697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 0/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-723-361-12697
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 12696
LENGTH: 25
TYPE: DNA
                                                                                                                                                                                                                         SEQ ID NO 12697
                                                                       Matches
                                                                                           Best Local
                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 12697, Application US/10723361 Publication No. US20040137589A1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART

FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                        Remaining Prior Application data removed -
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                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2001-01-30
                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                     LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                     1666 AGCTCCTGCAGCAGATGAAGAACAA 1690
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                                                                                       Similarity
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PENN, Sharron
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                                                                       Conservative
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Pred. No.
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Pred. No.
                                                                         Mismatches
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                                                                                           DB 1;
4.5e+02;
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                                                                                                            Length 25;
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JS-10-723-361-12698
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                                                                   SEQ ID NO 68
                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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Patent No. US20020045588A1
                                                                                                                                                                                                                                                                                                                                                                                             -09-733-294A-68/c
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US/09/866,108
                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
                                                                                                                                                                                              APPLICANT: William Gaarde
APPLICANT: Sugan M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
                                                                                                                                                                                                                                                                                   APPLICANT: Brett P. Monia
APPLICANT: William Gaard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                           PRIOR APPLICATION NUMBER: 09/572,423 PRIOR FILING DATE: 2000-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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                                                                                         NUMBER OF SEQ ID NOS: 108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 25
                                               ENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00667
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RANK, David R.
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Pred. No. 4.5e+02;
0; Mismatches 5
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RESULT 244 US-10-277-216-228

Sequence 228,

Publication No.

Application US/10277216 o. US20040002470A1

GENERAL INFORMATION

APPLICANT: KEITH,

MIL

FILE REFERENCE: 2976-4051

TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES

CURRENT APPLICATION NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 10/126,022
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13

SEQ ID NO 228 LENGTH: 20

PatentIn Ver.

ORGANISM: Artificial Sequence

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                                                                                                                                ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-10-277-216-227
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US-10-277-216-227
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                                                                                                                                                                                                                                SEQ ID NO 227
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Best Local Similarity
                                                                  Matches 18;
                                                                              Query Match
Best Local
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                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 10/126,022
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES.
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 2976-4051
                                                                                                                                                                                                                 LENGTH:
                             2374 CAGAGAGGAGGAGCAGAAG 2393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   830 GGACACAGGCGACGACCCTG 849
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1 CTGAGTGGAGGAGCAGAAG 20
                                                                                Similarity
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b. US20040002470A1
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                                                                                Score 16.8;
Pred. No. 3
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Pred. No. 3
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                                                               US-10-126-022-228
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                                                                                                                                               NUMBER OF SEQ ID NOS: 420
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 228
LENGTH: 20
Type:
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 228, Application US/10126022 Publication No. US20040023215A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 18; Conserv
Query Match
Best Local Similarity
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LENGTH: 20
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Publication No. US20040023215A1
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                           APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR FILING DATE: 2001-04-13
PRIOR PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KEITH, TIM
TITTLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR FILING DATE: 2001-04-13
PRIOR FILING DATE: 2001-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: Patentin Ver. 2.1
                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                OTHER INFORMATION: Description of Artificial Sequence: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2374 CAGAGAGGAGGGAGCAGAAG 2393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2374 CAGAGAGGAGGAGCAGAAG 2393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 CTGAGTGGAGGGAGCAGAAG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CTGAGTGGAGGGAGCAGAAG 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          90.0%;
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  90.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 16.8; DB 1; Length 20;
Pred. No. 3.4e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 16.8; DB 1;
Pred. No. 3.4e+02;
  Score 16.8; DB 1;
Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
                   Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
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SEQUENCE DESCRIPTION: seQ ID NO: 72:
US-10-032-924-72
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US-10-032-924-72
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                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 72:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: LATBON, MATINA T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Shipman, Robert
Leushner, James
Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
                                                                                                                                                                                                                                       ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                             STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2374 CAGAGAGGAGGAGCAGAAG
                                  4464 ATGTGCCAAGTGCTGTGCTA 4483
                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                               HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                       18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18;
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2 ATGTGCCAAGAACTGTGCTA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM compatible OPERATING SYSTEM: MS DOS SOFTWARE: Word Perfect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: US
ZIP: 10598
                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: NY
                                                                                                                                                                                                                      ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                       Conservative
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                                                                                      0.3%; Score 16.8; DB 1
90.0%; Pred. No. 3.7e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MUTATIONS IN THE
                                                                     0; Mismatches
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                                                                                                            DB 1;
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                                                                                                        Length 21;
                                                                       Indels
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                                                                       Gaps
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RESULT 248 US-10-349-143-10216

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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Do'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19516
LENGTH: 21
LENG
RESULT 250
US-10-786-720-19518/c
US-10-786-720-19518, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-19516
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US-10-786-720-19516
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 10216
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-10567 for SEQ 2351, in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4642 GGCCTTAAGGAGCTGAAGAG 4661
                                                                                                                                                                                                                                                                                                                                       175
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                                                                                                                                                                                                                                                                                                                                                                                                                  18;
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                                                                                                                                                                                                                                                                    ACGCTGTGACCACTTGCCAG 21
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                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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US20040005584A1
                                                                                                                                                                                                                                                                                                                                                                                                                                              90.0%;
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Pred. No. 3.7e+02;
0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                              Score 16.8; DB 1;
Pred. No. 3.7e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/082,614
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FOR DIAGNOSING AND TREATING AUTOIMMUNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 21
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FSEQUENCE 43, Application US/09922101

Patent No. US20020146711A1

GENERAL INFORMATION:

APPLICANT: Bartel, Paul L.

APPLICANT: Tavtigian, Sean V.

APPLICANT: Tavtigian, Sean V.

FILE REFERENCE: MMSC2- An MMAC1 Interacting Protein

FILE REFERENCE: MMSC2- An MMAC1 Interacting Protein

CURRENT APPLICATION NUMBER: US/09/922,101

CURRENT FILING DATE: 2001-08-06

PRIOR APPLICATION NUMBER: 09/306,998

PRIOR FILING DATE: 1999-05-07
                                                                                                                                                                                                                                                                                         RESULT 252
US-09-922-101-43
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US-09-951-401-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
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; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-19518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/951,401
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 43, Application US/09951401 Patent No. US20020115104A1 GENERAL INFORMATION:
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Best Local Similarity 90.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 43
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNDMER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
FILE REFERENCE: MMSC2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 22
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.2
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Pred. No. 4
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Publication No. US20030092009A1

GENERAL INFORMATION:
APPLICANT: Kaia Palm
ITILE OF INVENTION: PROPILING TUMOR SPECIFIC MARKERS FOR THE
ITILE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEA
FILE REFERENCE: CEMINES.002A
CURRENT APPLICATION NUMBER: US/09/992,665
CURRENT FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: 60/249,508
PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 380
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 164
LENGTH: 24
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US-09-992-665-164/c
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US-09-951-402-43
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Best Local Similarity 90.0%;
Matches 18; Conservative
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SEQ ID NO 43
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Best Local Similarity 90.0%;
Matches 18; Conservative
 Best Local
Matches 1
                                    Query Match
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                                                                          -09-992-665-164
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CURRENT APPLICATION NUMBER: US/09/951,402
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
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TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
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                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
                                                                                           OTHER INFORMATION: Probe
                                                                                                              FEATURE:
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 18; Conservative
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                 90.0%;
0; Mismatches
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                 Score 16.8; DB 1;
Pred. No. 4.6e+02;
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Pred. No. 4e
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Pred. No. 46
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US-09-866-108-4275
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US-09-866-108-4275
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 4275

LENGTH: 25

TYPE: DNA
                                                                                       Matches
                                                                                                            Query Match
Best Local
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PRIOR APPLICATION NUMBER: US 60/266,860
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
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PRIOR APPLICATION NUMBER: PCT/US01/00662
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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PRIOR APPLICATION NUMBER: PCT/US01/00665
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                       769 ACAAGAAGGAAAACATGGGG 788
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ATAAGAAGGAAAAGATGGGG 25
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ilarity 90.0%;
Conservative
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                                                                                                         Score 16.8; DB 1;
Pred. No. 4.9e+02;
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                                                                                                                                   DB 1;
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RESULT 256 US-09-866-108-13093/c

Sequence 13093, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:

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; ORGANISM: Homo sapiens
US-09-866-108-13093
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PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                       Sequence 13094, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                           APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggar
APPLICANT: PENN, Sharr
APPLICANT: HANZEL, Da
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PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
                      APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MAIN
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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CURRENT FILING DATE: 2001-05-25
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FITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
TURRENT APPLICATION NUMBER: US/09/866,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PPLICANT:
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                                                                                                             JI, Yonggang
PENN, Sharron G.
HANZEL, David K.
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NUMBER: US 60/266,860
2001-02-05
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Pred. No. 4.9e
0; Mismatches
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; ORGANISM: Homo
US-09-866-108-13094
                                                                                                                                                                                                                SOFTWARE: Aeomica
SEQ ID NO 13094
                                                                    Matches
                                                                                       Query Match
Best Local :
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/266,860
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                  3870 CCCATCAAGCCTTCCAGATC 3889
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24 CCGATCAAGCCTTCCAAATC 5
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Similarity 90.0%;
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Pred. No. 4.
                                                                    Mismatches
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                                                                                   4.9e+02
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RESULT 259
US-09-866-108-13096/c
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US-09-866-108-13095
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Best Local Similarity
Matches 18; Conserv
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SEQ ID NO 13095
LENGTH: 25
                                                                                                                                                                                                                                                       APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE, REGMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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                                FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                                                                            APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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                  APPLICATION NUMBER: PCT/US01/00668
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PENN, Sharron (
HANZEL, David )
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Pred. No. 4.9e+02;
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APPLICANT: CARMY, MENDERS'S
APPLICANT: STANNON, MAYK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN 1
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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US-09-866-108-13096
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PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR TILING DATE: 2001-01-30
PRIOR PLILORING NUMBER: PCT/US01/00661
PRIOR PPLICATION NUMBER: PCT/US01/00670
PRIOR PPLICATION NUMBER: PCT/US01/00670
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
PRIOR PILING DATE: 2001-02-05
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Best Local S
Matches 18
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharrc
APPLICANT: HANZEL, David
APPLICANT: RANK, David
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Sequence 13097, Application US/09866108
Patent No. US20020048800A1
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SEQ ID NO 13096
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
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APPLICATION NUMBER: PCT/US01/00661
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FILING DATE: 2001-01-30
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PENN, Sharron
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US-09-866-108-13098/c
; Sequence 13098, Application US/09866108
; Patent No. US20020048800A1
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                                           US-09-866-108-13098
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NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 13097
LENGTH: 25
                                                                                                                            NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence
SEQ ID NO 13098
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Best Local
  Query Match
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/266,860 PRIOR FILING DATE: 2001-02-05
                                                                                                                                                                                                                                    PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US01/00670
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                             ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00663 FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00668
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18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JI, Yonggang
PENN, Sharron G.
HANZEL, David K.
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Pred. No. 4.9e
0; Mismatches
  Score 16.8;
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4.9e+02;
ches 2;
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                                                                                                                                      ; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-80930
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US-10-098-263B-80930
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                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 80930
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                                                                 Query Match
Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1 SEQ ID NO 72140
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Best Local Similarity
                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/098,263B CURRENT FILING DATE: 2003-01-08
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PRIOR FILING DATE: 2001-03-16
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                    267 CCCCTCTCTCTTTCTCT 286
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4 CICCICICICICITITATOIC 23
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                                                                 Score 16.8; DB 1
Pred. No. 4.9e+02
0; Mismatches
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Pred. No. 4.9e+02
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0; Mismatches 2;
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RESULT 264 US-10-061-201-3151/c

GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

Sequence 3151, Application US/10061201 Publication No. US20030166229A1

PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30 CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30

FILE REFERENCE: PB0178

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                                                                                                                ; ORGANISM: Homo sapiens
US-10-717-597-4886
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; ORGANISM: Homo sapiens
US-10-061-201-3151
                           Query Match
Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity 90.0%;
Matches 18; Conservative
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 4886
LENGTH: 25
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CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                     TYPE: DNA
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APPLICATION NUMBER: US 60/328,205
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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 5089 CAGCTCTGCTTCCTTGGTTA 5108
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Twine, Natalle C.
Dorner, Andrew J.
Trepicchio, William L.
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Pred. No. 4
                                                     Score 16.8; DB 1;
Pred. No. 4.9e+02;
                                   Mismatches
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APPLICANT: RANK, DAVIG R.

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/203,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
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US-10-723-361-4275
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US-10-723-361-13093/c
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SEQ ID NO 4275
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Publication No. US20040137589A1
                                                               APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: GU, Yizhong
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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                                        JI, Yonggang
PENN, Sharron G,
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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PENN, Sharron
HANZEL, David
                  SHANNON, Mark
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Pred. No. 4
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CURRENT APPLICATION NUMBER: US/10/723,361

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Matches
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LENGTH: 25
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                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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CURRENT FILING DATE: 2003-11-26
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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FITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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ORGANISM: Homo sapiens
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                                                        APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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FILING DATE: 2001-05-25
APPLICATION NUMBER: US 60/207,456
FILING DATE: 2000-05-26
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00665
                                                                                                                                              FILING DATE: 2001-01-30
                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00666
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L, David K.
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US-10-723-361-13095/c
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                                                                                                         US-10-723-361-13095
                                                                                                                                      Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Abcomica Sequence Listing Engine
SEQ ID NO 13095
LENGTH: 25
TYPE: DNA
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SOFTWARE: Aeemica Sequence Listing Engine
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CURRENT FILING DATE: 2003-11-26
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
FILE REFERENCE: PB0105
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                                                                                                                       ORGANISM: Homo sapiens
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FILING DATE: 2000-05-26
APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
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APPLICATION NUMBER: PCT/US01/00668
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   3870 CCCATCAAGCCTTCCAGATC 3889
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Similarity 90.0%;
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PENN, Sharron
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Pred. No. 4.9e+02
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RESULT 271
US-10-723-361-13097/c
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                                                                                                                                                                                    Sequence 13097, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
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Best Local 9
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
                                                                             APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY
FILE REPERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 9/866,108
PRIOR FILING DATE: 2001-05-25
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                                                              FILE REFERENCE: PB0105
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PRIOR APPLICATION NUMBER: GB 24263.6
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ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00664
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RANK, David R.
CHEN, Wensheng
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HANZEL, David K.
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Pred. No. 4.
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US-10-723-361-13097
                                                                                                                                                                                                                                       TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPH
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR PHILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 4263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: CT/US01/00666
PRIOR FILING DATE: 2001-01-30
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR APPLICATION NUMBER: PCT/US01/00669
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00665
OR FILING DATE: 2001-01-30
OR APPLICATION UNMBER: PCT/US01/00668
OR APPLICATION UNMBER: PCT/US01/00668
OR FILING DATE: 2001-01-30
                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00664
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SHANNON, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PENN, Sharron
HANZEL, David
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Pred. No. 4
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; ORGANISM: probe
US-10-775-169-3016
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US-10-775-169-3016/c
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TYPE: DNA
CRGANISM: Homo sapiens
US-10-723-361-13098
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APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In .
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: Patentin version 3.2
SEQ ID NO 3016
LENGTH: 25
                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 23
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SOFTWARE: Aeomica Sequence Listing
SEQ ID NO 13098
LENGTH: 25
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APPLICANT: Burcz:
APPLICANT: Twine
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Best Local Similarity
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                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/432,565
CURRENT FILING DATE: 2003-05-22
PRIOR APPLICATION NUMBER: PCT/EP01/11887
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: DE 100 583 79.2-41
PRIOR PILING DATE: 2000-11-24
NUMBER OF SEQ ID NOS: 26
OTHER INFORMATION: Description of the artificial sequence: primer for the OTHER INFORMATION: differentiation of phylogenetic units, such as strains, OTHER INFORMATION: substrains, species 10-432-565-7
                                                                                                                                                                                                                                                                                                            APPLICANT: Grabowski et al.
TITLE OF INVENTION: NEW STRAIN OF YEAST FOR CONSUMPTION
FILE REFERENCE: 222803
                                                                                                          TYPE: DNA
                                                                      FEATURE:
                                                                                       ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
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Twine, Natalie
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Pred. No. 4.9e+02;
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Pred. No. 4.9e+02;
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
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US-09-866-108-13559
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US-09-365-029-4
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CURRENT FILING DATE: 1999-08-02
EARLIER APPLICATION NUMBER: EP 98114853.9
EARLIER FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 94
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL
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Best Local Similarity
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APPLICANT:
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APPLICANT: PEYMAN, Anuschirwan
APPLICANT: BITONTI, Alan J.
APPLICANT: WOBSSNER, Richard D.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 26083/208
                                                                                                                                                                                                                                                                                                                                  APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: GU, Yizhong
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TYPE: DNA
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Similarity 82.6%;
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                                                                                                                                                                                                                                                                                                                                                                                            RANK, David R. CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JI, Yonggang
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Pred. No. 4.7e+02
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                       HUMAN HEART AND MUSCLE
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NUMBER: PCT/US01/00665

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US-09-866-108-13560
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SEQ ID NO 13559
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APPLICANT: HANZEL, David K.
APPLICANT: RANK, David T.
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CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: GB 24263.6
                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                                             FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00669
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                                                                 APPLICATION NUMBER: PCT/US01/00663
                                                                                     FILING DATE:
                                                                                                     APPLICATION NUMBER: PCT/US01/00668
                                                                                                                        FILING DATE:
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NUMBER: PCT/US01/00661
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Pred. No. 5.3e+02;
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
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PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
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LENGTH: 25
NUMBER OF SEQ ID I
SOFTWARE: Aeomica
SEQ ID NO 13561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 13561, Application US/09866108 Patent No. US20020048800A1 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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PRIOR TILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2000-09-21
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                                                                              APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00670 FILING DATE: 2001-01-30
                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00661 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
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                       Listing Engine
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Pred. No. 5.3e+02
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US-09-754-853A-776
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US-09-754-853A-776
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Best Local Similarity 82.6
Matches 19; Conservative
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PRIOR FILING DATE: 2000-01-07
NUMBER OF SEQ ID NOS: 1119
SEQ ID NO 776
                                                                                                                                                                                                                                                                                                                                                                                                                                  Publication No. US20
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2221, Application US/10060756A Publication No. US20030046717A1
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Best Local Similarity 82.6%;
Matches 19; Conservative
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TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
TITLE OF INVENTION: Soybean Cyst Nematode Resistance
FILE REFERENCE: 38-10(15810)8
CURRENT APPLICATION NUMBER: US/09/754,853A
CURRENT FILING DATE: 2001-01-05
CURRENT FILING DATE: 2001-01-05
                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
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                                                                                                      FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
                                                                APPLICATION NUMBER: PCT/US01/00663 FILING DATE: 2001-01-30
                    FILING DATE: 2001-05-23
                                          APPLICATION NUMBER: US 09/864,761
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APPLICATION NUMBER: US 60/327,898
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o. US20030005491A1
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Pred. No. 5.3e+02;
D; Mismatches 4;
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Pred. No. 5.3e+02;
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US-10-060-756A-2454/c ; Sequence 2454, Application US/10060756A ; Publication No. US20030046717A1

GENERAL INFORMATION:
APPLICANT: Zhang, Jian
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30

PATCHED LIKE PROTEIN

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NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aeomica Sequence I
SEQ-ID NO 2221
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
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US-10-060-756A-2224/c
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR ELING DATE: 2001-01-30
PRIOR ELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
                                                                                Matches
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SEQ ID NO 2224
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                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 4804
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
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                                                                                                                                                                          LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                  Local
                        465 GGGTCCTGGGGGGTGCCTGCCGGC 487
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Pred. No. 5.3e+02
                                                                                                  Score 16.6; DB 1;
Pred. No. 5.3e+02;
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D; Mismatches
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                                                                                                                       DB 1;
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; ORGANISM: Homo sapiens
US-10-060-756A-2455
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LENGTH: 25
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SEQ ID NO 2454
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Best Local (
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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ORGANISM: Homo sapiens
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                                                                               Local
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FILING DATE: 2001-01-30
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                                                                               Score 16.6;
Pred. No. 5.
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Pred. No. 5.3e+02;
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; Sequence 2456, Application US/10060756A
; Publication No. US20030046717A1
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US-10-044-692-202
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PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
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SEQ ID NO 2456
LENGTH: 25
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Best Local Similarity
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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
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PRIOR APPLICATION NUMBER: PCT/US01/00669
                                  SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,692
                                                                                                                                                       ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Townsend and Townsend and
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Harley, Calvin
Andrews, William H.
Andrews, William H.
TLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUITIES O
                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United States
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11-Jan-2002
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Pred. No. 5
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RESULT 286
US-10-044-539-202
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.3%;
Best Local Similarity 82.6%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 202
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
COMMSend and Townsend and Crew LLP
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,539
FILING DATE: 11-Jan-2002
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                   Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT:
                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA
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                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cech, Thomas R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4044 CCACCAGGCCTCTAGGCAGGAC 4066
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                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                         STREET: Two Embarcadero CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CCACCAGCTCCTTCAGGCAGGAC 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/912,951
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: <Unknown>
APPLICATION NUMBER: 08/912,951
                                                                                                                                                                                                                                                       COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/724,643 FILING DATE: 01-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
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APPLICATION NUMBER: US 08/846,017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/851,843
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Chapman, Karen B.
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Pred. No. 5.3e+02;
0; Mismatches 4;
                                                                                                                             Version #1.30
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TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-16377
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                                                                                                                                                                                                                                                                                                                                                                                Sequence 16377, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 16377
                                                                   Matches
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Best Local :
                                                                                  Query Match 0.3%;
Best Local Similarity 82.6%;
                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 202: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
                  2572 AGTCTTATGGCAGTACCAGCGAC 2594
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25 AGTCTTATGACAGTAACAGGAAC 3
                                                                     19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (415)
TELEFAX: (415) 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/844,419 FILING DATE: 18-APR-1997
                                                                 Conservative
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                                                                                  Score 16.6;
Pred. No. 5.
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Pred. No. 5.3e+02;
                                                                   Mismatches
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                                                                              .3e+02;
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; Sequence 28207, Application US/10098263B
; Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray

RESULT 288 US-10-098-263B-28207/c

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                                                       ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-34648
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-28332
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 28207
                                                                                                                 FILE REFERENCE: 3118.1
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 34648
LENGTH: 25
                                                                                                                                                                                                                                                                                               Sequence 34648, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Wittman, Michael
TITLE OF INVENTION: Human Microarray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 28332, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 28332
Query Match
Best Local Similarity
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Best Local 9
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Best Local Similarity 82.6%;
Matches 19; Conservative
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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82.6%;
  0.3%;
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Pred. No. 5.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 16.6; DB 1; Length 25; Pred. No. 5.3e+02;
  Score 16.6; DB 1;
Pred. No. 5.3e+02;
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                  Length 25;
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US-10-098-263B-50536/c

Sequence 50536, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:

APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

RESULT 293

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                                                                                                                                 ; ORGANISM: Homo sapien 
US-10-098-263B-50535
                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-098-263B-50535/c
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 47471
                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 50535
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                               Sequence 50535, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 47471, Application US/10098263B Publication No. US20030104410A1
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                                                                 Matches
                                                                                                                                                                                                                                                                               APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
                                                                                                                                                                  TYPE: DNA
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                 2930 GTCCTCTGACAGCGACGAATCCT 2952
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25 GTCCTCAGACAGAGACGATACCT 3
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Pred. No. 5
                                                                                 Score 16.6; DB 1
Pred. No. 5.3e+02
                                                                 Mismatches
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                                                                                ; TYPE: DNA ; ORGANISM: Homo sapien US-10-098-2638-79979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-68988
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Query Match
Best Local Similarity
Matches 19; Conser
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 50536
                                                                                                                                                     PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 79979
                                                                                                                                                                                                                                                                                                                                         Sequence 79979, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%;
Best Local Similarity 82.6%;
Matches 19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 68988, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                 APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3110.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/276,759 PRIOR FILING DATE: 2001-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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                                                                                                                                          ENGTH:
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               Conservative
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Pred. No. 5.3e+02;
0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0
         Score 16.6; DB 1;
Pred. No. 5.3e+02;
0; Mismatches 4
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Pred. No. 5.3e+02;
0; Mismatches 4
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                                              DB 1;
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                                              Length 25;
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RESULT 298 US-10-061-201-3140/c

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Sequence 3140, Application US/10061201 Publication No. US20030166229A1 GENERAL INFORMATION:

APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: P80178
CURRENT APPLICATION NUMBER: US/10/061,201

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RESULT 296
US-10-098-263B-91592/c
Sequence 91592, Application US/10098263B
; Publication NS. US20030104410A1
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US-10-098-263B-100105/c
$$\times 100105, Application US/10098263B$
$\times Publication No. US20030104410A1
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; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91592
; LENGTH: 25
; TYPE: DNA
; ORGANIGM: Homo sapien
US-10-098-263B-91592
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US-10-098-263B-100105
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APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 13106-6
SOPTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 100105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Mittman, Michael
APPLICANT: INVENTION: Human Microarray
                                                                                                   Query Match
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                                                                  Matches
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                                                                                                                                                                       LENGTH: 25
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                             2881 TCTCTGACCCTGAGTACCTGCTA 2903
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Similarity 82.6%;
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Similarity 82.6%;
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TCTCGGACCATGAGGACCTCCTA
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                                                                                   Score 16.6; DB 1;
Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
                                                                  Mismatches
                                                                                                     DB 1;
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RESULT 299
US-10-325-810-435
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US-10-061-201-3140
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PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Best Local S
Matches 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 435, Applicat Publication No. US2003 GENERAL INFORMATION:
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SEQ ID NO 3140
LENGTH: 25
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NUMBER OF SEQ ID NOS: 4162
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                           ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181
FILING DATE: 29-Sep-1997
APPLICATION NUMBER: US 08/724,643
                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cech, Thomas R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             820 TGGAGGAAGAGGACACAGGCGAC 842
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                                                                                                                   APPLICATION NUMBER: US/10/325,810 FILING DATE: 20-Dec-2002
                                                                                                                                                                                                                                                                                                                                                               STATE: California
                                                                                                                                                                                                                                                                                                                                                                                        CITY: San Francisco
                                                                                               CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/10325810 o. US20030204069A1
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Chapman, Karen B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lingner, Joachim
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APPLICANT: Trepicchio, William L.
APPLICANT: Stonim, Donna K.
APPLICANT: Stover, Jennifer A.
APPLICANT: Stover, Jennifer A.
ITILE OF INVENTION METHODS FOR DIAGNOSING RCC
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOSTWARE: Patentin version 3.2
SEQ ID NO 4371
LENGTH: 25
TYPE: DNA
COCANICM. Homo Babiens
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OTHER INFORMATION: /

SEQUENCE DESCRIPTION: SEQ
US-10-325-810-435
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US-10-717-597-4371
; ORGANISM: Homo sapiens
US-10-717-597-4371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4371, Application US/10717597 Publication No. US20040110221A1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:

NAME: AUSENHUS, SCOTT L.

REGISTRATION NUMBER: 42,271

REFERENCE/DOCKET NUMBER: 015389-002620US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEPHONE: (415) 576-0300

INFORMATION FOR SEQ ID NO: 435:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4044 CCACCAGGCCTCTAGGCAGGAC 4066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
                                                                                                                                                                                                                                                                                                                                      Burczynski, Michael E.
Twine, Natalie C.
Dorner, Andrew J.
Trepicchio, William L.
Slonim, Donna K.
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TYPE: nucleic acid
STRANDEDNESS: single
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APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
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APPLICATION NUMBER: US 0
FILING DATE: 25-APR-1997
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) ID NO: 435:
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APPLICANT: CHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HI
FILE REFERENCE: P80105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-10
PRIOR PILING DATE: 2001-01-10
PRIOR PILING DATE: 2001-01-10
PRIOR PILING DATE: 2001-01-10
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US-10-723-361-13560
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                                                                                        Sequence 13560, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
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Best Local
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APPLICANT: JI, Yonggan,
APPLICANT: PENN, Shartz
APPLICANT: HANZEL, David
APPLICANT: RANK, David
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                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
-10-723-361-13559
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Best Local (
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                            APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggan
APPLICANT: PENN, Shar
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
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Jī, Yonggang
PENN, Sharron G.
HANZEL, David K.
                                                                                                                                                                                                                                           TGGAGGAAGCCAAGAAGGAGAAG
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HANZEL, David K.
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Pred. No. 5.3e+02;
0; Mismatches 4;
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Pred. No. 5.3e+02;
0; Mismatches 4
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
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SEQ ID NO 13560
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Publication No. US20040137589A1
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Best Local Similarity 82.6%;
Matches 19; Conservative
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                           APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: GU, Yizhong APPLICANT: JI, Yongga
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEA
FILE REFERENCE: PB0105
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2003-11-26
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ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
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HANZEL, David K
RANK, David R.
CHEN, Wensheng
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Pred. No. 5.3e+02.
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NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1988
LENGTH: 25
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-1988
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US-10-775-169-1988/c
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; ORGANISM: Homo sapiens
US-10-723-361-13561
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Best Local Similarity 82.6%;
Matches 19; Conservative
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SOFTWARE: Acomica Sequence Listing Engine SEQ ID NO 13561
                                                                                                                                                                                                                                                                                        Sequence 1989, Application US/10775169 Publication No. US20040175743A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%;
Best Local Similarity 82.6%;
Matches 19; Conservative
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APPLICANT: Burcz
APPLICANT: Twine
APPLICANT: Dorne
APPLICANT: Trepi
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APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Twine, Natalie
APPLICANT: Trepicchio, William
APPLICANT: Trepicchio, William
APPLICANT: Trepicchio, William
APPLICATI: Trepicchio, William
CITE OF INVENTION: Method for Monitoring Drug Activities
FILE REFERENCE: AMIO1080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dorner, Andrew APPLICANT: Trepicchio, William APPLICANT: Trepicchio, William TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo FILE REFERENCE: ANIO1080 (031896-013000) CURRENT APPLICATION NUMBER: US/10/775,169 CURRENT FILING DATE: 2004-02-11
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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Twine, Natalie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
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APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Twine, Natalie
APPLICANT: Trepicchio, William
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Viv.
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: Patentin version 3.2
SEQ ID NO 4475
LENGTH: 25
TYPE: DNA
TORGANTOM: TYCHO
                                                                      NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4476
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-4476
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; ORGANISM: probe
US-10-775-169-1989
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                                                                                                                                                                                                  APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Twine, Natalie
APPLICANT: Torner, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Dr
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-775-169-4476/c
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LENGTH: 25
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Best Local Similarity
Matches 19; Conserv
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                 Query Match
Best Local S
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Best Local Similarity
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                 Similarity
 Conservative
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82.6%; Pred. No. 5.3e+02
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Pred. No. 5.3e+02
0; Mismatches
Score 16.6; DB 1;
Pred. No. 5.3e+02;
0; Mismatches 4
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                                      DB 1;
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1591 TGGAAACAGAGAAGAGAGATC 1613

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RESULT 308
US-09-263-959-515/c
; Sequence 515, Application US/09263959
""" No. US20020150891A1
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US-09-263-959-535/c
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 98104-7092
COMPUTER READABLE FOOM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PAtentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Kopp, Ben F.
APPLICANT: Kopp, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OP INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: CTTY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: McMasters, David D. REGISTRATION NUMBER: 33,963 REFERENCE/DOCKET NUMBER: 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                        COUNTRY:
                                                                                                 CITY: Seattle
                                                                                                              STREET:
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                                                                                                                                 ADDRESSEE:
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                                                                           Washington
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                                                                                                                E: Seed and Berry LLP 6300 Columbia Center, 701 Fifth Avenue
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Pred. No. 3.
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US-09-263-959-565
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                 TELEFAX: (206) 682-603
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                          APPLICATION NUMBER: US/09/263
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 9200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: US/09/
PILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNMERE: 10/00/263 aso
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: McMasters, David D.
REGISTRATION NUMBER: 33,981
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: DIAGNOSTIC AND NUMBER OF SEQUENCES: 1279
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ADDRESSEE: Seed and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                   POPOLOGY:
                                                                       LENGTH:
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                                              nucleic acid
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6300 Columbia Center,
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                 linear
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Query Match

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Score 16.4;

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                                                                                                                                                                                    Sequence 396, Application US/09232785 Publication No. US20030049612A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 873, Application US/09263959
Patent No. US20020150891A1
                                                                                                                                                                                                                                                                                                                                                                                                Matches
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FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
                                                                                          APPLICANT: International Pag
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSAT
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: KOOP, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                               Local
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17; Conserv
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                                                                                                                                                                     International Paper Co.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6300 Columbia Center,
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                                                                                                               MICROSATELITE DNA MARKERS AND USES
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                                                                                                                                                                                                                                                                                                                                                                                                             Score 16.4;
Pred. No. 3
                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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          FILE REFERENCE: 0380-P01180US0
CURRENT APPLICATION NUMBER: US/10/011/204
CURRENT FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US/08/700,530
PRIOR FILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR FILING DATE: 1995-03-10
PRIOR FILING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: Oligonucleotide US-10-011-204-3
                                                                                                                                                                                                                                                                                                                                                  US-10-011-204-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/011,204
CURRENT FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US/08/700,530
PRIOR TILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR PPLICATION NUMBER: GB 9404709.9
PRIOR PILING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PATENTIN Ver. 2.1
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LENGTH: 18
TYPE: DNA
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APPLICANT: EKINS, Roger P
TITLE OF INVENTION: Binding assay using binding agents with tail groups
FILE REFERENCE: 0380-P01180US0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 17; Conserv
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SOFTWARE: FastSEQ for
SEQ ID NO 396
LENGTH: 18
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SEQ ID NO 4
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Pinus taeda L.
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FastSEQ for Windows Version 3.0
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milarity 94.4%;
Conservative (
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94.4%; Pred. No. 3.4e+02
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Pred. No. 3.4e+02
0; Mismatches
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APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
APPLICANT: U'Ren, Jack
APPLICANT: U'Ren, Jack
APPLICANT: Saigene Corporation
ITILE OF INVENTION: Nucleic Acid Amplification Using an RNA
ITILE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Pro
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US/60/296,812
PRIOR APPLICATION NUMBER: US/60/296,812
PRIOR PILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 32
LENGTH: 18
                                                                                                                                                                                                                                                                                                                            US-10-077-383-32; Sequence 32, Application US/10077383; Publication No. US20030050444A1; GENERAL INFORMATION:
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LENGTH: 18
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Best Local
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Best Local
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Publication No. US200300504441
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SOPTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
APPLICANT: Saigene Corporation
        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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FEATURE:
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mes 17; Conserv
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Pred. No. 3.
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Pred. No. 3.
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Products
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; OTHER INFORMATION: Description of Artificial Sequence:(XY)-n spacer ; OTHER INFORMATION: sequence complement, where X=a, Y=g and n=1 US-10-077-383-32
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US-10-027-632-178630
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                                                                                                                                                                                                                                                                                                                                                                  RESULT 318
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/185,218
                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                  Sequence 178630, Application US/10027632 Publication No. US20030204075A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 178630
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                          APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 19
TYPE: DNA
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CURRENT FILING DATE: 2002-04-30
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FILING DATE: 2000-02-24
APPLICATION NUMBER: US 60/167,363
FILING DATE: 1999-11-23
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1 Similarity 94.4%;
17; Conservation
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17; Conserv
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Pred. No. 3
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US-10-027-632-178653/c
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                                                                                                                       RESULT 320
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US-10-027-632-178630
                                    Sequence 178653, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
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SEQ ID NO 178653
LENGTH: 19
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APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
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SOFTWARE: F88CSEQ for Windows Version 4.0
SEQ ID NO 178630
LENGTH: 19
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
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PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
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mes 17; Conserv
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APPLICATION NUMBER: US 60/156,358
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APPLICATION NUMBER: US 60/156,358
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APPLICATION NUMBER: US 60/167,363
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Pred. No. 3.7e+02;
0; Mismatches 1;
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Pred. No. 3.7e+02;
0; Mismatches 1;
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Best Local S
Matches 17
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SEQ ID NO 10860
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Publication No. US20040005584A1
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Best Local :
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APPLICANT: Chumakov, 1)/a

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
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CURRENT FILING DATE: 2002-04-30
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PRIOR APPLICATION NUMBER: US 60/198,676
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                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                    NAME/KEY: primer_bind
LOCATION: 1..20
COTHER INFORMATION: downstream amplification primer 99-21502 for SEQ 2995, in complem
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                             1786 TTCTCTCCAAGGGGCAGG 1803
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19 TTCTCTCCAAGGGTCAGG
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                                                                                    Conservative
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                                                                                                        Score 16.4;
Pred. No. 46
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Pred. No. 3.7e+02;
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4e+02;
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; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3091
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-3091
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APPLICANT: Hauge, Brian M.

FITILE OF INVENTION: Soybean SSRs and Methods of Genotyping FILE REFERENCE: 38-10(52679)A

CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US 09/754,853

PRIOR FILING DATE: 2001-01-05

PRIOR APPLICATION NUMBER: US 09/760,427

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768
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US-09-849-928-120
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Publication No. US20030059769A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 94.4%;
Matches 17; Conservative
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                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/952,793
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       268 CCCTCTCTCTCTTCTCT 285
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                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/849,928 FILING DATE: 04-May-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM pc compatible OPERATING SYSTEM: MS-DOS SOFTWARE: WordPerfect 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Swanson & Bratschun, L.L.C. STREET: 8400 E. Prentice Avenue, Suite 200
                                                                                                                           APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
                                         APPLICATION NUMBER:
                                                                               APPLICATION NUMBER: 08/472,255
                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                   FILING DATE: 07-JUNE-1995
                                                                                                                 FILING DATE: 07-JUNE-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ITY: Englewood
IATE: Colorado
                                                              07-JUNE-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            21
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Pred. No. 4.
                                         08/477,829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4; DB 1;
4.4e+02;
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US-10-066-960-120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 65.0%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (303) 79
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REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION: TELEPHONE: (303) 793-3333
                                                                                                APPLICATION NUMBER: 08/477,829 FILING DATE: 07-JUNE-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/10/066,960
FILING DATE: 04-Feb-2002
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 80111
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: PARMA, et al.
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                                                                                                                                                          APPLICATION NUMBER: 08/952,793
FILING DATE: 1999-DEC-03
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
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COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
                                      REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Englewood
STATE: Colorado
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                             NAME: Barry J. Swanson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Swanson & Bratschun, L.L.C. STREET: 8400 E. Prentice Avenue, Suite 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Mismatches
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Pred. No. 4.4e+02;
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                  NAME: BATTY J. SWANBON
REGISTRATION NUMBER: 33,215
REFERENCE,DOCKET NUMBER: NEX40C/PCT
REFERENCE,DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELESHONE: (303) 793-333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic scid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: PARMA, et al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 120:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM pc compatible operating system: MS-DOS SOFTMARE: WOS-DOS SOFTMARE: WOS-DOS APPLICATION NUMBER: US/10/409,627 FILING DATE: 07-Apr-2003 CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/952,793
FILING DATE: 20-NOVEMBER-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF CORRESON BRATESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratechun, L.L.C.
ADDRESSEE: Swanson & Bratechun, L.L.C.
ADDRESSEE: Swanson & Bratechun, L.L.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: RNA
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                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479, 724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472, 256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472, 255
APPLICATION NUMBER: 08/472, 255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477, 829
FILING DATE: 07-JUNE-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Colorado
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: SINCE DESCRIPTION: SI
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STRANDEDNESS: single
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o. US20040043923A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TY: Englewood
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 16.4; DB 1;
Pred. No. 4.4e+02;
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RESULT 326
US-10-705-300-120
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OTHER INFORMATION: All U's are 2'-NH2 uracil;
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-10-409-627-120
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                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
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SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA
APPLICATION NUMBER: US/10/705,300
                                                                                                                                                                                                                                     NAME: BATTY J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NE:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 10-Nov-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                          FILING DATE: 07-JUNE-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
                                     FEATURE:
                                                                                                                                                           SEQUENCE CHARACTERISTICS
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FEATURE:
                                                        MOLECULE TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/952,793
FILING DATE: 20-NOV-1997
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
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13; Conservative
                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM pc compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Englewood
                OTHER INFORMATION: All C's are 2'-NH2 cytosine
                                                                                                                                                                                                                       TELEPHONE: (303) 793-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 80111
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                                                                                                                                      LENGTH: 21 base pairs
                                                                                                                                                                                                      TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/477,829
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b. US20040072234A1
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                                                                             linear
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00 E. Prentice Avenue, Suite 200
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65.0%; Pred. No. 4.4e+02
tive 5; Mismatches
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; OTHER INFORMATION: All U's are 2'-NH2 uracil; SEQUENCE DESCRIPTION: SEQ ID NO: 120: US-10-705-300-120
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SEQ ID NO 23
LENGTH: 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Centre For DNA Fingerprinting and Diagnostics
APPLICANT: Centre For DNA Fingerprinting and Diagnostics
APPLICANT: OP INVENTION: No. U820030194730A1e1 FISSR-PCR primers and markers and a
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Best Local
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CURRENT FILING DATE: 2003-02-04
PRIOR APPLICATION NUMBER: 260/MAS/2002
PRIOR FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a TITLE OF INVENTION: primers and markers for identifying genetic constitution TITLE OF INVENTION: varities.
FILE REFERENCE: 782-indian
                                                                  APPLICANT:
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                                                  APPLICANT:
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ORGANISM: Artificial Sequence
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17; Conserv
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Malyankar, Uriel M.
Tchernev, Velizar T.
Vernet, Corine A.
Spytek, Kimberly A.
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                                           Ellerman, Karen
Gangolli, Esha A.
Boldog, Ference L.
Colman, Steven D.
Eisen, Andrew J.
                                                                                                                                Alsobrook II, John Edinger, Schlomit Peyman, John A. Stone, David J.
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Shimkets, Richard A.
          Liu, Xiaohong
Padigaru, Mura
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Spaderna, Steven
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              Muralidhara
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Pred. No. 4.7
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Pred. No. 4.4e+02;
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                                                                       ; OTHER INFORMATION: Oligonucleotide used US-10-409-107A-50
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   Best Loc
Matches
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Best Local S
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PRIOR FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 60/263,800
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/269,942
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/286,183
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: 60/313,627
PRIOR APPLICATION NUMBER: 60/313,627
PRIOR APPLICATION NUMBER: 60/316,713
                 Query Match
Best Local (
                                                                                                                                                               SEQ ID NO 50
LENGTH: 22
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APPLICANT: YAMAMO
APPLICANT: YAMAMO
APPLICANT: IKEGAM
                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 50, Application US/10409107A
Publication No. US20040053288A1
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                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/409,107A CURRENT FILING DATE: 2003-04-19 PRIOR APPLICATION NUMBER: JP 107126/2002 PRIOR FILING DATE: 2002-04-09 NUMBER OF SEQ ID NOS: 100 SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                         APPLICANT: YAMAMOTO, Shigeto
APPLICANT: YAMAMOTO, Kozo
APPLICANT: IXEGAMI, Hakuo
TITLE OF INVENTION: Method for estimating therapeutic efficacy of tumor
TITLE OF INVENTION: factor
FILE REFREENCE: YAMAI=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 292
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CURRENT FILING DATE: 2002-08-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/255,029
PRIOR FILING DATE: 2000-12-12
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                                                                                                         TYPE: DNA
ORGANISM: Artificial
FEATURE:
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                   Similarity
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   Conservative
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                   0.3%;
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                   Score 16.4; DB 1; Pred. No. 4.7e+02;
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Pred. No. 4.7e+02;
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   Mismatches
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                                  Length 22;
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   Indels
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Gaps
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APPLICANT: French, E. Lars

APPLICANT: French, E. Lars

TITLE OF INVENTION: FLIP GENES AND FLIP PROTEINS

FILE REFERENCE: 11141-002001

CURRENT APPLICATION NUMBER: US/09/410,194

CURRENT FILING DATE: 1999-09-30

PRIOR APPLICATION NUMBER: PCT/EP98/01857

PRIOR FILING DATE: 1999-03-31

PRIOR APPLICATION NUMBER: GERMANY 197 13 393.2

PRIOR FILING DATE: 1997-04-01
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4283, Application Patent No. US20020048800A1 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 24
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Patent No.
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APPLICANT:
APPLICANT:
                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                      APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Tschopp, Jurg APPLICANT: Thome, Margo
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o. US20020095030A1
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Schneider, Pascal
Bodmer, Jean- Luc
Steiner, Veronique
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Burns, Kimberly
Irmler, Marten
Hahne, Michael
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94.4%;
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Pred. No. 5.
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RESULT 333

US-10-098-263B-38373

; Sequence 38373, Application US/10098263B

; Publication No. US20030104410A1

; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic Oligonucleotide US-10-215-112-8004
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION UMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR PILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-02-05
PRIOR PILING DATE: 2001-02-05
                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 8004
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8004, Application US/10215112
Publication No. US/20030082596A1
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 4283
                                                                                                                                                                                                                                         Matches
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Best Local Similarity
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Best Local
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TITLE OF INVENTION: Test3
TITLE OF INVENTION: Test3
TITLE REFERENCE: 3119
CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                           1202 GGAGTCTCTGCAGAGGTT 1219
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Pred. No. 5
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APPLICANT: Mittman, Michael

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US-10-098-263B-92570/c

Sequence 92570, Application US/10098263B

PUBLICATION NO. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mitchael
FILLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

PRIOR FILING DATE: 2001-03-16

PRIOR FILING DATE: 2001-03-16
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; ORGANISM: Homo sapien
US-10-098-263B-92570
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                                      US-10-098-263B-118575
                                                                                                                                                                                                                                                                                                            Sequence 118575, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEO ID NO 92570
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Best Local Similarity 94.4%;
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Query Match
                                                                                                              SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 118575
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                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/098,263B CURRENT FILING DATE: 2003-01-08 PRIOR APPLICATION NUMBER: 60/276,759 PRIOR FILING DATE: 2001-03-16 NUMBER OF SEQ ID NOS: 131066
                                                                                                                                                                                                                                                       APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray FILE REFERENCE: 3118.1
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PRIOR FILING DATE: 2001-03-16
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CURRENT FILING DATE: 2003-01-08
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                                                         ORGANISM: Homo sapien
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Local Similarity 94.4%;
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                                                                             DNA
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Pred. No. 5.7e
0; Mismatches
Score 16.4;
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Pred. No. 5.
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Length 25;
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US-10-723-361-4283
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                                                                                                                                                                                     US-10-775-169-2515
                                                                                                                                                                                                            RESULT 337
                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4283
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PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR PILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
                                                                                                                         Sequence 2515, Application US/10775169 Publication No. US20040175743A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 4283
LENGTH: 25
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                                                                APPLICANT:
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CURRENT FILING DATE: . 2003-11-26
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                                                                                                      APPLICANT: Wyeth
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN
                                                                                                                                                                                                                                                                                                                                                                          Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                        772 AGAAGGAAAACATGGGGC 789
T: Dorner, AndrewT: Trepicchio, WilliamINVENTION: Method for Monitoring Drug Activities In Vivo
                                                                                                                                                                                                                                                                                                                                                                          Similarity
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                                                                                                                                                                                                                                                                        AGAAGGAAAAGATGGGGC 18
                                                           Burczynski, Michael
Twine, Natalie
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Pred. No. 5
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5.7e+02;
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APPLICANT: Hong, Weldong
APPLICANT: Hong, Zhi
FILE REFERENCE: IN01165
FILE 
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; TYPE: DNA
; ORGANISM: probe
US-10-775-169-2515
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US-09-828-034-10
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CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 30, Application US/09012135A Patent No. US20020081578A1 GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity 94.4%;
Matches 17; Conservative
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                             APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                              COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                     CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                            STREET: 633 West Fi
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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633 West Fifth Street
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Pred. No. 4.
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Pred. No. 5.7e+02;
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Best Local Similarity
Watches 18; Conserve
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                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/214,796
CURRENT FILING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,730
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7, Application US/10214796 Publication No. US20030124680A1
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                                   Matches
                                                 Query Match
Best Local S
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APPLICANT: Reeves, Christopher
APPLICANT: McDaniel, Robert
TITLE OF INVENTION: ALTERATION OF ACYLTRANSFERASE DOMAIN
TITLE OF INVENTION: SUBSTRATE SPECIFICITY
FILE REFERENCE: 30062-20072.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS LENGTH: 21 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 231/282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
09/005,268
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SOPTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 121.
TELEFAX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/023,943 FILING DATE: August 14, 1996 APPLICATION NUMBER: 60/008,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: January 9, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. US20020081578A1ember 25, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: Januar
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COMPUTER: II
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 3042 GGCCACTTCCAGGGGGAGATC 3062
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                                 18; Conserv
                                   Conservative
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January 22, 1998
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85.7%;
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                                 Score 16.2; DB 1
Pred. No. 4.7e+02
0; Mismatches
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Pred. No. 4
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                                                                  Length 21;
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RESULT 342
US-10-349-143-4331/c
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US-10-192-381-50/c
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CURRENT FILING DATE: 2002-07-09
PRIOR APPLICATION NUMBER: US/09/377,285
PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: US 60/138,426
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,493
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,494
PRIOR APPLICATION NUMBER: US 60/138,494
PRIOR APPLICATION NUMBER: US 60/138,494
PRIOR FILING DATE: 1999-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4331, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
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LENGTH: 21
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Best Local Similarity
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                                                                     PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR PPLICATION NUMBER: EARLIER APPLICATION NUMBER:
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER:
PRIOR APPLICATION NUMBER: FILING DATE: 1998-11-23
PRIOR FILING DATE: EARLIER PILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER:
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER:
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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APPLICANT: BENEKEN, Jutta
APPLICANT: LANNIAN, Anthony
TITLE OF INVENTION: NUCLEIC ACID MOLECULE ENCODING HOMER 1b PROTEIN
FILE OF INVENTION: AMENDED)
FILE REFERENCE: JHU1580-4
NUMBER OF SEQ ID NOS:
SEQ ID NO 4331
LENGTH: 21
                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                            APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
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SOFTWARE: PatentIn version 3.0
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ORGANISM: Artificial sequence
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llarity 85.7%;
Conservative
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Pred. No. 4.7e
0; Mismatches
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                                     US-10-786-720-12866
                                                                                                                                                                                                                                                                                                                                                                 US-10-786-720-12866
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                                                                                                             SEQ ID NO 12866
                                                                                                                                                                                                                                                                                                         Sequence 12866, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
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Best Local
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Query Match
                                                                                                                                                        APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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                                                                                                                        NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gleave,
APPLICANT: Rocchi,
APPLICANT: Signaev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/463,952
PRIOR FILING DATE: 2003-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Compositions and Methods TITLE OF INVENTION: Cancers FILE REFERENCE: UBC.P-031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/605,498
CURRENT FILING DATE: 2003-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 91
                                                      ORGANISM: RNAi-sense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo Sapiens
                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3354 AAGGACTCCCCGCTGGGGCCC 3374
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Rocchi, Palma
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Pred. No. 4.7e+02;
0; Mismatches 3
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Pred. No. 4.7e+02;
 Score 16.2;
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 Length 21;
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: D'Toole, Margot
APPLICANT: Liu, Wei
FITTLE OF INVENTION: COMPOSITIONS AND METHODS FOR
FITTLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13022
LENGTH: 21
                                                                                                                                                                             Query Match
Best Local Similarity
Thes 8; Conserva
                                                    RESULT 347
US-09-935-247-9/c
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                                                                                                                                                                                                                                                                    ; TYPE: RNA; ORGANISM: RNAi-sense strand US-10-786-720-20321
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US-10-786-720-20321
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US-10-786-720-13022
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                                                                                                                                                                                                                                                                                     APPLICANT: Wyeth
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: COMPOSITIONS
FILE REFERENCE: 031096-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOPTWARE: PatentIn version 3.2
SEQ ID NO 20321
LENGTH: 21
TWO DNA
                Sequence 9, Application US/09935247 Patent No. US20020103153A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                            5067 TTCTTCCTATCTCTGTGGCTT 5087
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Pred. No. 4.7e+02;
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4; Mismatches 3;
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Pred. No. 4.7e+02;
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                                                                                                                                                                                                                                   DB 1;
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                                                                                                                                                                                                                                                                                                                                                            RESULT 348
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Best Local Similarity
Matches 18; Conserv
             STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Re, Richard N. Cook, Julia
                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                         CITY: Palo Alto
   SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
PatentIn Release #1.0,
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US-10-393-602-24
; Sequence 24, Application US/10393602
; Publication No. US20030170714A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-935-247-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 230 901 SANS UR INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/935,247
FILING DATE: 22-Aug-2001
CLASSIFICATION: <UNknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/266,065
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGIO: Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8515ZY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (516) 742-4343
TELEPAX: (516) 742-4366
NUMBER OF SEQUENCES: 151

CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 13
                                                                                                                                                                                                                                                                                                                                      2802 GAAGGAGAAAATGAAGAAGGA 2822
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
                                                                                                                            APPLICANT: Gregory Dolganov
                                                                                                                                                                                                                                                                                                       22 GAAAGAGAAAAAGAAGAAGAA 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 400 Garden City Plaza
CITY: Garden City Plaza
STATE: Now Your City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                           0.3%; Score 16.2; DB 1; 85.7%; Pred. No. 5.1e+02;
                                                                                  Transcripts Encoding Immunomodulatory Polypeptides
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Version #1.25

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RESULT 350
US-10-364-649-50/c
; Sequence 50, Application US/10364649
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SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-393-602-24
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US-10-196-199-26/c
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                                                                                                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: Primer EF2L directed to a mixture
; OTHER INFORMATION: intestine derived cell lines
US-10-196-199-26
                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/196,199
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: JP 2001-216568
PRIOR FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
LENGTH: 23
TYPE TANK
                                                                                                                                                            Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 26, Application US/10196199 Publication No. US20030149535A1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SUDO, Yukio
APPLICANT: SOME, Masoto
TITLE OF INVENTION: Method for Quantifying Nucleic Acid by Cell Counting
FILE REFERENCE: 2870-0200P
                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/592,126

FILING DATE: 26-JAN-1996

ATTORNEY/AGENT INFORMATION:

NAME: Sholtz, Charles K.

REGISTRATION NUMBER: 38,615

REFERENCE/DOCKET NUMBER: 4600-0111

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                         1300 AGCTCAGCCAACTGACAAGCC 1320
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STRANDEDNESS: single
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Pred. No. 5.5e+02;
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Pred. No. 5.1e+02;
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                                                                                                                                                                                           DB 1;
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APPLICANT: Richard A. Jefferson and Jorge E. Mayer
TITLE OF INVENTION: MICROBIAL B-GLUCURONIDASE GENES, GENE
TITLE OF INVENTION: PRODUCTS, AND USES THEREOF
FILE REFERENCE: 1901.06.405C1
CURRENT APPLICATION NUMBER: US/10/364,649
CURRENT FILING DATE: 2003-02-12
PRIOR APPLICATION NUMBER: 10/364,649
PRIOR FILING DATE: 2003-02-12
PRIOR FILING DATE: 2003-02-12
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 112
SECTIONARE: FastSEQ for Windows Version 4.0
                                                                US-10-327-598-827
                                                                                    RESULT 352
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; OTHER INFORMATION: PCR primer
US-10-364-649-50
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LENGTH: 23
Sequence 827, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                   Matches
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/10299486 Publication No. US20040096987A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 85.7%;
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: GEACINTOV, CYRIL E.
APPLICANT: JANETZKO, ALFRED
APPLICANT: STREMMEL, WOLFGANG
APPLICANT: STREMMEL, WOLFGANG
APPLICANT: KULAKSIZ, HASAN
TITLE OF INVENTION: DIAGNOSTIC METHOD FOR DISEASES BY SCREENING FOR HEPCIDIN
TITLE OF INVENTION: IN HUMAN OR ANIMAL TISSUES, BLOOD OR BODY FLUIDS AND
TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
FILE REFERENCE: DRG 3.8-001
CURRENT APPLICATION NUMBER: US/10/299,486
CURRENT FILING DATE: 2003-02-11
                                                                                                                                                                                                                                                                                                                                                                LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                 Local Similarity 85.7
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                   Application US/10327598 o. US20040181039A1
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Pred. No. 5.5e+02
                                                                                                                                                                                                                              Score 16.2; DB 1;
Pred. No. 5.5e+02;
0; Mismatches 3
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APPLICANT: Krah, Eugene APPLICANT: Guo, Honliang APPLICANT: Aiyappa, Ashok

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GENERAL INFORMATION:
GENERAL I
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US-09-439-429-15
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                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 15, Application US/09439429 Publication No. US20030083275A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 67
LENGTH: 24
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 827
LENGTH: 23
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CURRENT APPLICATION NUMBER: US/09/883,152
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/211,835
PRIOR FILING DATE: 2000-06-15
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APPLICANT: Jefferson, Anne Bennett
TITLE OF INVENTION: POLYNUCLEOTIDES RELATED TO COLON CANCER
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APPLICANT: Kang, Sanmao
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Local Similarity 85.7%;
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Pred. No. 5.5e+02;
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Pred. No. 5
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US-09-263-959-581/c
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LENGTH: 24
TYPE: DNA
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Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
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Best Local Similarity
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Best Local Similarity
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PRIOR APPLICATION NUMBER: 09/
PRIOR FILING DATE: 1998-10-22
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                                                                                                                                                                                                                                                                NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMFUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
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                                                                                                                                                               LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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6300 Columbia Center,
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                                                              0.3%; Score 16; DB
100.0%; Pred. No. 3.
tive 0; Mismatches
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85.7%;
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Pred. No. 5.8e+02
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US-09-918-186A-38
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Best Local Similarity
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                                                                                                         Query Match
                                                                                                                                                 -09-918-186A-78
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Patent No. US20020137708A1
                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/918,186A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
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PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. 'Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0585
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CURRENT APPLICATION NUMBER: US/09/918,186A
CURRENT FILING DATE: 2001-07-30
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APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayza
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/
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                                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                         TYPE: DNA
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ORGANISM: Artificial Sequence
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                                                                                          100.0%;
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100.0%; Pred. No.
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pred. No. 4e+
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4e+02;
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-181-316-38
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-129
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                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR PRILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
PRIOR FILING DATE: 1998-09-29
PRIOR FILING DATE: 1998-09-29
Matches
                                                                                                                                                                                         SEQ ID NO 38
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                 Query Match
Best Local
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Publication No. US20030211607A1
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Best Local Similarity
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CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR PILING DATE: 1999-04-05
PRIOR PILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
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                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 249
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. APPLICANT: E
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                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: ISPH-0650
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                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                     TYPE: DNA
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                   Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Elizabeth J.
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Conservative
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                 Score 16; DB 1;
Pred. No. 4e+02;
Mismatches
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APPLICANT: Eric E. Swayze

APPLICANT: Lex M. COWSEYE

TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION

FILE REFERENCE: ISPH-0650

CURRENT APPLICATION NUMBER: US/10/181,316

CURRENT FILING DATE: 2002-07-16

PRIOR APPLICATION NUMBER: PET/US01/02939

PRIOR APPLICATION NUMBER: 09/466,694

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: 09/286,407

PRIOR APPLICATION NUMBER: 09/286,407
; OTHER INFORMATION: Antisense Oligonucleotide US-10-181-316-129
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-78
                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR TILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR APPLICATION NUMBER: 09/163,162
                                                                                                                              NUMBER OF SEQ ID NOS: 249
SEQ ID NO 129
LENGTH: 18
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 09/163,162 PRIOR FILING DATE: 1998-09-29
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                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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; Pred. No. 4e+02;
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APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
FILE REFERENCE: 02810.0014.NPUS02
CURRENT APPLICATION NUMBER: US/09/949,427
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: Patentin version 3.1
SEQ ID NO 203
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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PRIOR FILING DATE: 2000-09
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version
SEQ ID NO 203
LENGTH: 20
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Best Local S
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Best Local
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                                                                                                                                                                                 APPLICANT: Wu, Chenyan TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder FILE REFERENCE: 02810.0014.NPUS01 CURRENT APPLICATION NUMBER: US/09/949,428 CURRENT FILING DATE: 2001-09-07 PRIOR APPLICATION NUMBER: 60/231,322
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Ohmen, Jeff
Ross, David
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Ross, David
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Lusis, Aldons J.
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o. US20030064372A1
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100.0%; Pred. No.
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FILE REFERENCE: LeA 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: Patentin version 3.1
SEQ ID NO 132
; OTHER INFORMATION: PCR primer US-10-435-696-132
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-874-15
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US-10-181-874-15
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PRIOR APPLICATION NUMBER: 09/489,869
PRIOR FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
Typp: ....
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Publication No. US20040018525A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Publication No. US20030212020A1
GENERAL INFORMATION:
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APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSI.
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Mar
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TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTSP-0351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Isis Pharmaceuticals, Inc. APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/181,874
CURRENT FILING DATE: 2002-07-22
                                                       ORGANISM: Artificial sequence
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ORGANISM: Artificial Sequence
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les 16; Conserv
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CURRENT APPLICATION NUMBER: US/09/940,185
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/227,948
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: US 60/228,854
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 4768
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/411,954
CURRENT FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: 60/371,819
PRIOR FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 356
SOFTWARE: Patentin version 3.2
SEQ ID NO 284
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Publication No. US20
GENERAL INFORMATION:
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Best Local
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Best Local Similarity
                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Neville, Matt
APPLICANT: de Arruda Indig, Monika
TITLE OF INVENTION: Characterization of CYP2D6 Alleles
FILE REFERENCE: FORS-07897
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                                                                                                                                                         LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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987 CTCTCCGAGACATTGTTCCAGCGA 1010
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                                                                  Similarity
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                                                   Conservative
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Pred. No. 6
                                                 Score 16; DB 1;
Pred. No. 6.3e+02;
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RESULT 369
US-10-218-779-128/c
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                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Description of Artifical Sequence: US-10-087-684-128
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                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 19; Conserv
                      Sequence 128, Application US/10218779 Publication No. US20040029222A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 128
LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/087,684
CURRENT FILING DATE: 2003-03-10
PRIOR APPLICATION NUMBER: 60/253,834
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 60/250,926
PRIOR FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR FILING DATE: 2001-01-25
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   APPLICANT: Edinger, Shlomit
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/274,194
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR FILING DATE: 2001-08-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Miller, Charles E.
APPLICANT: Gangolli, Esha A.
TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING
FILE REFERENCE: 21402-214 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: CuraSeqList version 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                             1584 ATCTTGGTGGAAACAGAGAAGGAG 1607
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Shenoy, Suresh G.
Rastelli, Luca
Tchernev, Velizar T.
Vernet, Corine A.M.
                                                                                                                                                       ATGAAGGGGAAACAGAGCAGGAG 1
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Malyankar, Uriel M.
Guo, Xiaojia
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Rieger, Daniel K.
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Isabelle
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Pred. No. 6.3e+02;
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FILE REFERENCE: 21402-214
CURRENT APPLICATION NUMBER: US/10/218,779
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: 60/253,834
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 2000-11-30
PRIOR FILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR FILING DATE: 2001-01-25
PRIOR FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: 60/327,456
PRIOR APPLICATION NUMBER: 60/327,456
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Matches
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                                                                                                                                                                      Sequence 284, I
Publication No.
                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                         APPLICANT: Neville, Matt
APPLICANT: de Arruda In
APPLICANT: Cao, Feng
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NUMBER OF SEQ ID NOS: 216
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APPLICANT:
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APPLICANT: Cao, Feng
APPLICANT: Oldenburg, Mary C.
APPLICANT: Koelbl, Jim C.
APPLICANT: Alzenstein, Brian D.
APPLICANT: Davey, Keith
TITLE OF INVENTION: Characterization of CYP2D6 Genotypes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                          1584 ATCTTGGTGGAAACAGAGAAGGAG 1607
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Gangolli, Esha
                                                                                                                de Arruda Indig, Monika
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Grosse, William
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Vernet, Corine
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Mishra, Vishnu
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Spytek, Kimberly
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                                                                                                                                                                      Application US/10617070

o. US20040096874A1
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Pred. No.
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6.3e+02;

Length 24; Indels

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83203
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; OTHER INFORMATION: Synthetic
US-10-617-070-284
                                                                                                                                                                                                                                               Sequence 83204, Application US/10098263B Publication No. US20030104410A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 19; Conserv
                                                      CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing
SEQ ID NO 83204
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Best Local Similarity
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
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CURRENT FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: 10/411,954
PRIOR FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: 60/371,819
PRIOR FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 529
                                                                                                                                                                                               FILE REFERENCE: 3118.1
                                                                                                                                                                                                         APPLICANT: Mittman, Michael TITLE OF INVENTION: Human Microarray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing
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                    LENGTH: 25
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ORGANISM: Homo sapien
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                                                                          Sequence Listing
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Pred. No. 6.
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Pred. No. 6.3e+02;
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US-10-251-117-448/c
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PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILLING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILLING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILLING DATE: 2002-02-20
PRIOR FILLING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR APPLICATION NUMBER: US 60/296,249
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PRILING DATE: 2002-02-06
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
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                                                                                                                                                                                                                                                                                                                                                                                        Sequence 448, Application US/10251117
Publication No. US20030170891A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                     TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth TITLE OF INVENTION: Gene Expression Using Short Interfering RNA FILE REFERENCE: 900/042 (MBHB0C-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
                                                                                                                                                                                                                                                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James
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NUMBER OF SEQ ID NOS: 1213
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CURRENT FILING DATE: 2003-02-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA
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5. US20030170891A1
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Pred. No. 4.7e+02;
1; Mismatches
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Pred. No. 6.7e+02;
0; Mismatches
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US-10-357-488-27/c
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US-10-357-488-27
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TITLE OF INVENTION: primers and markers for
TITLE OF INVENTION: varities.
FILE REFERENCE: 782-indian
CURRENT APPLICATION NUMBER: US/10/357,488
CURRENT FILING DATE: 2003-02-04
PRIOR APPLICATION NUMBER: 260/MAS/2002
PRIOR FILING DATE: 2002-04-08
                                                                                                                                                                                                                                                                                                                                                                      Sequence 5847, Application US/10349143 Publication No. US20040005584A1 GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 27
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Best Local
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APPLICANT: Chumakov, 11ya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                      APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Centre For DNA Fingerprinting and Diagnostics and markers and a method TITLE OF INVENTION: NO. US20030194730A1e1 FISSR-PCR primers and markers and a method
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ORGANISM: Artificial Sequence
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17; Conserv
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Pred. No. 4
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Pred. No. 4.7e+02;
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; LOCATION: 1..19

; OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,

US-10-349-143-5847
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US-10-399-872-1/c
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                                              CURRENT APPLICATION NUMBER: US/09/800,631
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 84
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local S
Matches 17
                                                                                                                                                                                     Sequence 84, Application US/09800631
Patent No. US2002008228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0544
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Publication No. US20040072147A1
GENERAL INFORMATION:
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SEQ ID NO 5847
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APPLICANT: REYNOLDS, THOWAS R.
APPLICANT: REYNOLDS, THOWAS R.
ITITLE OP INVENTION: DETECTION AND QUANTITATION OF HUMAN PILLE REPERENCE: 038098-0115
CURRENT APPLICATION NUMBER: US/10/399,872
CURRENT FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: PCT/US01/31892
PRIOR PPLICATION NUMBER: PCT/US01/31892
PRIOR FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 26
FEATURE:
                 ORGANISM: Artificial Sequence
                                      TYPE: DNA
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ORGANISM: Homo Sapiens
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Similarity 89.5%;
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Pred. No. 4.7e+02
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Pred. No. 4.7e+02;
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OTHER INFORMATION: Antisense Oligonucleotide

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RESULT 380
US-09-984-198-77
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                                                                                                                                   Query Match
Best Local
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                                                                                                                        Matches
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Best Local/Similarity
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 220
TELECOMMUNICATION INFORMATION: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: PETAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
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APPLICANT: Garanger, G.A.
TITLE OF INVENTION: Factor Receptor Releasing Enzyme
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                 STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                         TELEFAX:
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APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: CLASSIFICATION:
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                     NAME: Wu, Frank
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                                                                                        495 AGGAGGCCCACGCCACCA 513
                                                                                                                   0.3%;
Similarity 89.5%;
17; Conservation
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                                                                                                                                   Score 15.8; DB 1;
Pred. No. 5.1e+02;
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Pred. No. 5.1e+02;
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Best Local (
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Patent No. U
APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OP INVENTION: Methods for Enhancing Antibody-Induced
TITLE OP INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
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INFORMATION FOR SEQ ID NO:
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LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
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APPLICATION NUMBER:
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TELEFAX: 650-494-0792
TELEX: 706141
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CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 09/081,385 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
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al Similarity 89.5%;
17; Conservation
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US20020106679A1
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55 PAGE MILL ROAD
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Pred. No. 5.1e+02,
0; Mismatches
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RESULT 383
US-09-910-185-53/c
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                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
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LENGTH: 20
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 410
                                                                                                          SEQ ID NO 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-910-185-53
                                                                                                                           APPLICANT: C. Frank Bennett
APPLICANT: Sugan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-3 EXPRESSION
FILE REFERENCE: RTS-0258
CURRENT APPLICATION NUMBER: US/09/910,185
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
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TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE: RTS-0223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
                                                LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 5.1e+02;
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Pred. No. 5.1e+02;
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APPLICANT: Petersen, Deanna M.

APPLICANT: Petersen, Deanna M.

APPLICANT: Petersen, Deanna M.

APPLICANT: Potersen, Deanna M.

ITTLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/WAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR PILING DATE: 2001-02-03

NUMBER OF ESO ID NOS: 1093

SOFTWARE: PastSEQ for Windows Version 3.0

SEQ ID NO 243

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

ORGANISM: Artificial Sequence
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US-09-776-479-243/c
                                                                                                                             US-09-776-479-243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-776-479-243/c
                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 243
LENGTH: 20
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Publication No. US20040067902A9
GENERAL INFORMATION:
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                                                           Query Match
Best Local
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Best Local
                                         Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                           APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Feuren, Yves
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                       FEATURE:
                                                                                                                                              OTHER INFORMATION: Synthetic Sequence
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3918 CCGACGCCGCGGCCGCCGC 3936
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                                                             Similarity
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                                         Conservative
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                                                           Score 15.8; DB 1;
Pred. No. 5.1e+02;
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Pred. No. 5.1e+02
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Pred. No. 5.
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                                                                               Length 20;
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APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or ITITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7057 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/965,101
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: US 09/082,649
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
PRIOR FILING DATE: 1997-05-20
PRIOR FILING DATE: 1997-05-20
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Best Local Similarity
Watches 17; Conserve
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US-09-965-101-57/c
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                                                                                                                                                                                                                                                            SOFTWARE: Fa
SEQ ID NO 57
LENGTH: 20
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                                                                                                  Query Match
Best Local
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CURRENT APPLICATION NUMBER: US/09/920,394
CURRENT FILLNG DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 30
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Davis, Heather L. APPLICANT: Krieg, Arthur M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERA
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemo
                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                         TYPE: DNA
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                                                                             Local Similarity hes 17; Conserv
                                     3918 CCGACGCCGCGGCCGC 3936
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89.5%;
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                                                                                                Score 15.8; DB 1;
Pred. No. 5.1e+02;
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                                                                             Mismatches
                                                                                                                Length 20;
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RESULT 390
US-10-293-783-84
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US-10-017-995-243/c
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US-10-112-653-235/c
                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic Sequence US-10-017-995-243
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                               Sequence 84, Application US/10293783 Publication No. US20030130222A1 GENERAL INFORMATION:
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Publication No. US20030055014A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 243
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local :
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Best Local Similarity
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SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
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APPLICANT: Berg, Daniel J.
APPLICANTON: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70600 (AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US/60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
APPLICANT: Hong Zhang 
APPLICANT: Jacquelin
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                              Local Similarity
nes 17; Conserv
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Pred. No. 5.1e+02;
0; Mismatches 2
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CANT: Jacqueline Wyatt
OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP.

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APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 11145
SEQ ID NO 243
LENGTH: 20
TYDE: DNA
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US-10-314-578-243/c
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                                                                                                                                                                                 US-10-388-263-732
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SEQ ID NO 84
LENGTH: 20
                                                                                                                      GENERAL INFORMATION:
                                                                                                                                      Sequence 732, Application US/10388263
Publication No. US20030228597A1
                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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Best Local Similarity 89.5%;
Matches 17; Conservative
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                                        APPLICANT:
                                                       APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
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CURRENT APPLICATION NUMBER: US/10/293,783
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US/09/800,631
PRIOR FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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Freier, Susan M.
Sasmor, Henri M.
Brooks, Douglas G.
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Pred. No. 5.1e+02;
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US-10-174-319-5
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                                                                                                                                                                                                                                                                     RESULT 394
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                                                                                                                                                                                 Sequence 6014, Application US/10289762 Publication No. US20040006218A1 GENERAL INFORMATION:
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Publication No. US20030232771A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 732
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 121
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6014
                                    APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
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Best Local Similarity
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Best Local Similarity
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CURRENT FILING DATE: 2002-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: PTS-0018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: MODULATION BY OLIGONUCLECTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLECTIDES FOR GENE MODULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: ISIS-4503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4686 AGAAGCCTGTTCTGTCCAG 4704
                                                                                                                                                                                                                                                                                                                                                             739 TCACCAAGCTGGACCAGCT
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Pred. No. 5.
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Pred. No. 5.1e+02;
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FILE REFERENCE: LeA 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR PILING DATE: 2002-05-21
NUMBER OF SEQ.ID NOS: 314
SOFTWARE: Patentin version 3.1
SEQ ID NO 218
LENGTH: 20
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US-10-213-796-85/c
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; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6014
Query Match
Best Local Similarity
"Thomas 17; Conserva"
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                                                                                     ; OTHER INFORMATION: US-10-213-796-85
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                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/213,796
CURRENT FILING DATE: 2002-08-06
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 85
LENGTH: 20
                                                                                                                                                                                                                                                                                                                              Sequence 85, Application US/10213796
Publication No. US20040029272A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.3%; Score 15.8; DB 1; Best Local Similarity 89.5%; Pred. No. 5.1e+02; Matches 17; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                             APPLICANT: Sanjay Bhanot
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PERILIPIN
FILE REFERENCE: RTS-0355.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSI,
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wirtz, Ralph
                                                                                                                    FEATURE:
                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
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                Conservative
                                                                                                  Antisense Oligonucleotide
                                0.3%;
89.5%;
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              Score 15.8; DB 1;
Pred. No. 5.1e+02;
0; Mismatches 2;
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                Indels
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              Gaps
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US-10-457-890A-2
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US-10-213-796-155
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            Sequence 2, Application US/10457890A Publication No. US20040109870A1 GENERAL INFORMATION:
APPLICANT: Yodoi, Junji
                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
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SEQ ID NO 155
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                            Best Local Similarity
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                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)
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Sequence 72, Application US/10680341 Publication No. US20040091923A1
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CURRENT FILLIG DATE: 2003-10-06
NUMBER OF SEQ ID NOS: 83
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Reyes, Antonio A.
APPLICANT: Wallace, Robert B.
APPLICANT: Ugozzoli, Luis A
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
FILE REFERENCE: 3239-0105P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/213,796
CURRENT FILING DATE: 2002-08-06
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                                                                                                                                         OTHER INFORMATION: "NON-REPLICABLE ELEMENT"-TGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4958 CGTGCTGGTAGAAGAGTCT 4976
1355 GCTGCACGAGGGTCCTGAG 1373
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5. US20040029272A1
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                                                           Score 15.8; DB 1
Pred. No. 5.1e+02
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Pred. No. 5.
                                          Mismatches
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US-10-317-277A-69/c
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US-10-317-277A-144
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US-10-457-890A-2
                                                                         CURRENT APPLICATION NUMBER: US/10/317,277A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 168
SOFTWARE: PatentIn version 3.2
SEQ ID NO 144
                                                                                                                                                                       Sequence 144, Application US/10317277A

Publication No. US20040110159A1

GENERAL INFORMATION:

APPLICANT: Dobie, Kenneth W.

TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression

FILE REFERENCE: RTS-0473
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Best Local Similarity
Matches 17; Conserv
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LENGTH: 20
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Publication No. US20040110159A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
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CURRENT APPLICATION NUMBER: US/10/457,890A
CURRENT FILING DATE: 2003-06-10
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 20
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TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
FILE REFERENCE: RTS-0473
CURRENT APPLICATION NUMBER: US/10/317,277A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 168
SOFTWARE: PatentIn version 3.2
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APPLICANT: Shimahara, Yasuyuki
TITLE OF INVENTION: Therapeutic agent
TITLE OF INVENTION: hepatic fibrosis
            LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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Local Similarity 89.5%;
hes 17; Conservarium
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Pred. No. 5
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Pred. No. 5.1e+02;
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 57
LENGTH: 20
ORGANISM: artificial
                                                                                                                                    PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 58
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
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                                                                                                          ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             밁
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US-10-671-395-57
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Best Local S
Matches 17
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                   Sequence 58, Application No. US20 GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 57, App
Publication No.
                                                 Matches
                                                             Query Match
Best Local S
                                                                                                                                                                                                                                                                                                         APPLICANT: Pharmacia Corp.
APPLICANT: Gierge, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
2260 GGTTTGGGGATCTTAACTA 2278
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                                               17; Conserv
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17; Conserv
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No. US20040132063A1
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Pred. No. 5.1e+02
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Pred. No. 5.1e+02;
0; Mismatches 2
                                                               Score 15.8;
Pred. No. 5.
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                                                 Mismatches
                                                               .1e+02;
                                                                             DB 1;
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                                                                           Length 20;
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APPLICANT: Christians, Frederick C.
TITLE OF INVENTION: Synthetic Tag Genes
FILE REFERENCE: 3502.1
CURRENT APPLICATION NUMBER: US/10/619,739
CURRENT FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: 60/395,530
PRIOR FILING DATE: 2002-07-12
NUMBER OF SEQ ID NOS: 2068
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 317
TYPE: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 405
US-10-023-066A-46/c
(Sequence 46, Application US/10023066A
Publication No. US20030056242A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-619-739-317/c
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                          INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                              COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION NUMBER: US/10/023,066A
FILING DATE: 29-Apr-2002
CLASSIFICATION: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 / Match 0.3%;
Local Similarity 89.5%;
les 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS OF
                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATGATGTGCAAAGTGCCGT 2
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TELEX: 835420
N FOR SEQ ID NO: 46:
NCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: E. I. DU POI
AND COMPANY
                                                              TELEFAX: 302-773-0164
                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
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Pred. No. 5.1e+02;
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GENERAL INFORMATION:

APPLICANT:

Todd, John A Hess, John W

Caskey, Charles Cox, Roger D Gerhold, David Hammond, Holly

Hey, Patricia

Kawaguchi, Yoshihiko
Merriman, Tony R

Metzker, Michael L

TITLE OF INVENTION: NO. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455

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.....LICANT: Luebke, Kevin, J.

APPLICANT: Balog, Robert P.

TITLE OF INVENTION: Identification of Chemically Modified Polymers

FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR FILING DATE: 2001-06-27

NUMBER OF SEQ ID NOS: 1291

SOPTMARE: FastSFO *
                               RESULT 407
US-10-331-907-208/c
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                                                                                                                                                                                                                 ; SEQ ID NO 54
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-54
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                                                                                                                                          0.3%;
Best Local Similarity 89.5%;
Matches 17; Conservative
Sequence 208, A Publication No.
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Matches 17; Conservative
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                                                                                                              4577 GTGTGTGTTCGGAGGGGTG 4595
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2802 GAAGGAGAAATGAAGAAG 2820
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          21 GGAGGAGAAGATGAAGAAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 1..21
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY:
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 Application US/10331907 o. US20030181660A1
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                                                                                                                                                      0; Mismatches
                                                                                                                                                                    Score 15.8;
Pred. No. 5
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Pred. No. 5.5e+02;
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                                                                                                                                                                      5.5e+02
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CURRENT APPLICATION NUMBER: US/10/131,827
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 10/006,290
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/296,764
PRIOR FILING DATE: 2001-06-08
UMMBER OF SEQ ID NOS: 9090
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 8771
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
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ZIP: VA 22201-4714

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTIN PC-DOS/MS-DOS
SOFTWARE: PALENTIN DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION NUMBER: US/99/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-UN-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-UN-1997
APPLICATION NUMBER: 620-81
REGISTRATION NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEPHONE: (703)816-4091
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
INFORMATION PORS SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-131-827-8771/c
                                                                                                                                                                                                                                                                        Sequence 8771, Application US/10131827

Publication No. US20040009479A1

GENERAL INFORMATION:

APPLICANT: Woldgemuth, Jay

APPLICANT: Moodward, Robert

APPLICANT: Ly, Ngoc

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES

FILE REFERENCE: 506612000120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
ORGANISM: Human cytomegalovirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 89.1
les 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1638 GACTCCAAAAAGAGAGAAG 1656
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: Virginia
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STREET: 1100 No. US20030181660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0,
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Pred. No. 5.5e+02;
0; Mismatches 2
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                                                                                                                                           ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-10-786-720-14806
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US-10-786-720-14806
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CUURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 12933
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Matches
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                                                                       Matches
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Best Local Similarity
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
FILE REFERENCE: 031896-023000 (AM101331L)
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 21
TYPE: RNA
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                                                                                                                                                                                                 LENGTH: 21
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Local Similarity 89.5%;
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Pred. No. 5.5e+02;
                                   941
                                                                                      Score 15.8;
Pred. No. 5
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Pred. No. 5.5e+02;
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RESULT 411 US-10-786-720-14808/c

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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: D'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 17482
        APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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US-10-786-720-17482
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; ORGANISM: Homo sapiens
US-10-786-720-17482
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: RNAi-antisense strand 
US-10-786-720-14808
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 14808
LENGTH: 21
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    SOFTWARE: PatentIn version 3.2
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17; Conserv
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Pred. No. 5.5e+02;
0; Mismatches 2;
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Pred. No. 5.5e+02;
0; Mismatches 2
                                                                                                                      FOR DIAGNOSING AND TREATING AUTOIMMUNE
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: 1iu, Wei
APPLICANT: 1iu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEO ID NOS: 21135
SOPTWARE: PAtentIn version 3.2
SEQ ID NO 18672
LENGTH: 21
TYPE: RNA
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; ORGANISM: Homo sapiens
US-10-786-720-18670
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; TYPE: RNA
; ORGANISM: RNA1-antisense strand
US-10-786-720-17484
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 18670
                                    Matches
                                                               Query Match
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
IITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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                                  Score 15.8; D
Pred. No. 5.5e
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Pred. No. 5.
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 19517
LENGTH: 21
                                                                                                                              SOFTWARE: PatentIn Ver.
SEQ ID NO 287
LENGTH: 22
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ORGANISM: RNAi-sense strand
-10-786-720-19517
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/299,695
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: 60/315,614
PRIOR FILING DATE: 2001-08-29
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TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-79

CURRENT APPLICATION NUMBER: US/10/085,198

CURRENT FILING DATE: 2002-02-25

PRIOR APPLICATION NUMBER: 60/271,646

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 60/276,401

PRIOR APPLICATION NUMBER: 60/276,401

PRIOR APPLICATION NUMBER: 60/311,981

PRIOR PRIOR DATE: 2001-08-13

PRIOR FILING DATE: 2001-08-13

PRIOR FILING DATE: 2001-08-13

PRIOR FILING DATE: 2001-08-13
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APPLICANT: O'TOOLS, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-032000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                                                                                                                                                  Remaining Prior Application data removed - See File Wrapper or NUMBER OF SEQ ID NOS: 653
                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/277,324
PRIOR FILING DATE: 2001-03-20
PRIOR APPLICATION NUMBER: 60/286,096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/312,858 PRIOR FILING DATE: 2001-08-16
                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-02-28
                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/272,405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/271,840
                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide primer
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nes 14; Conserv
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o. US20040009907A1
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ilarity 73.7%;
Conservative
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Pred. No. 5.5e+02;
3; Mismatches 2
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APPLICANT: Farr, Spencer B.
APPLICANT: Pickett, Gavin G.
APPLICANT: Neft, Robin Eileen
APPLICANT: Neft, Robin Eileen
APPLICANT: Neft, Robin Eileen
APPLICANT: Neft, Robin Eileen
APPLICANT: Dunn, II, Robert Thomas
TITLE OF INVENTION: CANINE TOXICITY GENES
FILE REFERENCE: 400742000200
CURRENT APPLICATION NUMBER: US/09/911,904
CURRENT FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: US 60/220,057
PRIOR APPLICATION NUMBER: US 60/220,057
PRIOR FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 386
SOFTWARE: FASUSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 23
TYPE: DNA
OPCONTION.
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; ORGANISM: Triticum aestivum
US-08-983-605-232
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US-08-983-605-232/c
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LENGTH: 23
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                                                                        Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                                                    ORGANISM: Canis familiaris
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Local Similarity 89.5%;
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                                   817 CGCTGGAGGAAGAGGACAC 835
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10. US20030096234A1
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Pred. No. 6.4e+02
                                                                                          Score 15.8; DB 1
Pred. No. 6.4e+02
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RESULT 422
US-10-680-341-81/c
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US-10-466-205-26
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US-10-032-585-4873
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Best Local Similarity
Matches 17; Conserv
Sequence 81, Application US/10680341
Publication No. US20040091923A1
GENERAL INFORMATION:
APPLICANT: Reyes, Antonio A.
APPLICANT: Wallace, Robert B.
APPLICANT: Ugozzoli, Luis A
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4873
LENGTH: 24
TYPE: DNA
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Publication No. US20040077531A1
GENERAL INFORMATION:
APPLICANT: MATSUMOTO, Hirokazu
APPLICANT: NOGUCHI, Jiro
APPLICANT: OHTAKI, Tetsuya
TITLE OF INVENTION: Use of Galanin-like Peptide
FILE REFERENCE: 2861USOP
                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 89.5%;
Matches 17; Conservative
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LENGTH: 23
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CURRENT FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: PCT/JP02/00313
PRIOR FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: JP 2001-12094
PRIOR FILING DATE: 2001-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
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APPLICANT: Bo, J:
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Pred. No. 6.8e+02;
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Pred. No. 6.4e+02;
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US-10-312-308-26
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                    GENERAL INFORMATION:
APPLICANT: Spaderna, Steven K
APPLICANT: Quinn, Kerry E.
APPLICANT: Shimkets, Richard A.
APPLICANT: Muralidhara, Padigaru
APPLICANT: Spytek, Kimberly A.
TITLE OF INVENTION: Polypeptides and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-620 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 26
LENGTH: 24
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Best Local Similarity 89.5%;
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APPLICANT: Liu, Chenghua
APPLICANT: Liu, Chenghua
APPLICANT: Drmanac, Radoje T.
APPLICANT: Chao, Cheng-Chi
TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO HEMATOPOIETIC CYTOKINE-LIKE
TITLE OF INVENTION: POLYPEPTIDES AND POLYNUCLEOTIDES
FILE REFERENCE: 21272-028 (HYS-30)
CURRENT APPLICATION NUMBER: US/10/312,308
CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: 09/684,147
PRIOR APPLICATION NUMBER: 09/684,147
PRIOR PILING DATE: 2000-01-05
PRIOR PILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR PALENTANION NUMBER: 09/491,404
PRIOR FILING DATE: 2000-01-25

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APPLICANT: Boyle, Brian J.
APPLICANT: Mize, Nancy K.
APPLICANT: Arterburn, Matthew C.
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CURRENT APPLICATION NUMBER: US/10/680,341
CURRENT FILING DATE: 2003-10-06
NUMBER OF SEQ ID NOS: 83
CURRENT APPLICATION NUMBER: US/09/737,149
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ORGANISM: homo sapiens
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Tang, Y. Tom
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Pred. No. 6.8e+02;
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Pred. No. 6.8e+02;
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PRIOR APPLICATION NUMBER: 60/253,520
PRIOR FILING DATE: 2000111-28

PRIOR FILING DATE: 2000-11-28

NUMBER OF SEQ ID NOS: 24

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 18

LENGTH: 22

TYPE- .....
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US-09-912-679-60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/170,564
PRIOR FILING DATE: 1999-12-14
PRIOR PELICATION NUMBER: 60/173,165
PRIOR PELICATION NUMBER: 60/173,362
PRIOR PELICATION NUMBER: 60/173,362
PRIOR PELICATION NUMBER: 60/173,544
PRIOR APPLICATION NUMBER: 60/174,404
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 60/174,404
PRIOR FILING DATE: 2000-01-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 18, Application US/09995542
Patent No. US20020127647A1
GENERAL INFORMATION:
APPLICANT: Shutter, John
APPLICANT: Ulias, Laarni
TITLE OF INVENTION: ATP-Binding Cassette Transporter-Like Molecules and
TITLE OF INVENTION: Uses Thereof
FILE REFERENCE: 00-658-A
CURRENT APPLICATION NUMBER: US/09/995,542
CURRENT FILING DATE: 2001-7122 ECA
                 Sequence 60, Application US/09912679 Patent No. US20020141974A1
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Best Local Similarity 81.8%;
Matches 18; Conservative
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SEQ ID NO 20
LENGTH: 22
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Best Local Similarity
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PRIOR FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: 60/223,929
PRIOR FILING DATE: 2000-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Description of Artificial Sequence: PCR primer OTHER INFORMATION: 2508-66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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Pred. No. 6.5e+02;
0; Mismatches 4
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Pred. No. 6.5e+02;
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TELEFAX: 206-682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-912-679-60
                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 427
US-09-466-035-60
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 60, Application Usation Usation Usation Usation Usation:
GENERAL INFORMATION:
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Best Local Similarity
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Robins & Pasternak
STREET: 545 Middlefield Road,
CITY: Menlo Park
STRTE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE, DOCKET NUMBER: 930049.407C5
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA: elease #1.0, Version #1.25
APPLICATION NUMBER: US/09/912,679
PILING DATE: 07-Jun-1995
CLASSIFICATION: <UNknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3068 GCAGACCTCTCAGGGCAAGACG 3089
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                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING INTRACELLULAR DISEASES
                                                                                                                                                                                                                                                                                                                                             APPLICANT: SALLBERG, MATTI MILICH, DAVID R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
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ADDRESSEE: Seed an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: HEPATITIS THERAPEUTICS NUMBER OF SEQUENCES: 84
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           18;
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STREET: 6300 Columbia Cent
                                                                                                                  ZIP: 94025
                                                                                                                                         COUNTRY: U.S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             O'Dea, Joanne
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Pred. No. 6.5e+02
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Suite
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                      Version #1.25
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RESULT 429
US-10-085-198-315/c
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US-09-972-115A-42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; SEQUENCE DESCRIPTION: SEQ ID NO: 60: US-09-466-035-60
Sequence 315, Application US/10085198
Publication No. US20040009907A1
GENERAL INFORMATION:
APPLICANT: Alsobrook et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding
FILE REFERENCE: 21402-279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 42, Application US/09972115A Publication No. US20030032769A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 42
LENGTH: 22
                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                            Query Match
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gregg, Morin B.
APPLICANT: Walter, Funk D.
APPLICANT: Mieczyslaw, Flatyszek A.
TITLE OF INVENTION: A Second Mammalian Telomerase
FILE REFERENCE: 080/003C
CURRENT APPLICATION NUMBER: US/09/972,115A
CURRENT FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/128,577
PRIOR FILING DATE: 2000-04-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Geron Corporation APPLICANT: Gregg, Morin B. APPLICANT: Walter, Funk p.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/129,123
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 60:
                                                                                                                                                                                                                                                                                          Local
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REGISTRATION NUMBER: 41,411
REFERENCE/DOCKET NUMBER: 2300-1231.01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 17-Dec-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                732 AGGTTCTTCACCAAGCTGGACC 753
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                                                                                                                                                                                             AGGGTCTGCACCATGCTGGAGC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 22 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 650-325-7812
TELEFAX: 650-325-7823
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ilarity 81.8%;
Conservative
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Pred. No. 6.5e+02;
0; Mismatches 4
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Pred. No. 6.5e+02;
0; Mismatches 4
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CURRENT FILING DATE: 2002-02-25
PRIOR APPLICATION NUMBER: 60/271,646
PRIOR FILLING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/276,401
PRIOR FILLING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/311,981
PRIOR FILLING DATE: 2001-08-13
PRIOR APPLICATION NUMBER: 60/312,858
PRIOR APPLICATION NUMBER: 60/312,858
PRIOR FILLING DATE: 2001-08-16
                                                                                                                                                                                                                                                                                                              SEQ ID NO 315
LENGTH: 22
                                                                                        Matches
                                                                                                              Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 653 SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide primer
                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/272,405 FILING DATE: 2001-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/299,695
FILING DATE: 2001-06-20
APPLICATION NUMBER: 60/315,614
FILING DATE: 2001-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/286,096 FILING DATE: 2001-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/277,324 FILING DATE: 2001-03-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/271,840 FILING DATE: 2001-02-27
                                          5133 TTTCCTTATGTTGCTTTTTCAA 5154
22
                                                                                                         similarity 81.8%;
                                                                                        Conservative
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                                                                                                           Score 15.6; DB 1;
Pred. No. 6.5e+02;
                                                                                        Mismatches
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                                                                                                                                DB 1; Length 22;
                                                                                        Indels
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RESULT 430 US-10-210-130-237 GENERAL INFORMATION: Sequence 237, A Publication No. APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: Zerhusen, Bryan D. APPLICANT APPLICANT APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: Casman, State Ca Kekuda, Ramesh Miller, Charles E. Rieger, Daniel K. Pena, Carol E.A. Anderson, David W. Spytek, Kimberly A. Gerlach, Valerie Burgess, Catherine E. Khramtsov, Nikolai V. Vernet, cor-vernet, cor-veite, Mario W. Zhong, Mei Zhong, Stacie J. Voss, Edward 4. Boldog, Ferenc L. Shimkets, Richard A. Patturajan, Gorman, Linda Ji, Weizhen Smithson, Padigaru, Berghs, Application US/10210130 US20040014053A1 Xiaojia Sasha Corine A.M. Constance Glennda Muralidhara Meera

Ort, Tatiana Ellerman, Karen

Rastel.

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; Sequence 240, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
                                                                                                                                                    RESULT 431
US-10-210-130-240
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                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Description of Artifical Sequence: US-10-210-130-237
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NUMBER OF SEQ ID NOS: 369
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 237
LENGTH: 22
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Best Local (
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TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-416C (Cura-716 SMT)
CURRENT APPLICATION NUMBER: US/10/210,130
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR FILING DATE: 2001-08-02
PRIOR FILING DATE: 2001-08-02
PRIOR APPLICATION NUMBER: 60/316,508
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2001-08-31
PRIOR FILING DATE: 2002-02-05
PRIOR FILING DATE: 2001-08-31
PRIOR FILING DATE: 2002-02-05
PRIOR FILING DATE: 2002-02-05
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APPLICATION NUMBER: 60/311,979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/311,292
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Gangolli,
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Catterton, Elina
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Pred. No. 6.5e+02;
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; FEATURE:
; OTHER INFORMATION: Description of Artifical Sequence:
US-10-210-130-240
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CURRENT APPLICATION NUMBER: US/10/210,130
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR FILING DATE: 2001-08-02
PRIOR APPLICATION NUMBER: 60/316,508
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/354,655
PRIOR APPLICATION NUMBER: 60/354,655
PRIOR APPLICATION NUMBER: 60/310,291
PRIOR APPLICATION NUMBER: 60/310,291
PRIOR APPLICATION NUMBER: 60/310,291
                                                                                        Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 369
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 240
LENGTH: 22
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PRIOR APPLICATION NUMBER: 60/311,292
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/311,979
PRIOR FILING DATE: 2001-08-13
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PRIOR APPLICATION NUMBER: 60/383,887
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: 60/310,951
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PRIOR APPLICATION NUMBER: 60/381,039
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PRIOR APPLICATION NUMBER: 60/323,936
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APPLICANT: Shenoy, Suresh G.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
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                                                 TYPE: DNA ORGANISM: Artificial Sequence
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Spaderna Tord
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Anderson, David W.
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Shimkets, Richard
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Rastelli, Luca
Agee, Michele L.
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Leite, Mario W.
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Padigaru, Muralidhara
Smithson, Glennda
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                     Primer/Probe
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APPLICANT: Spytek, Kimberly A.
TITLE OF INVENTION: Polypeptides and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-620 CIP
CURRENT APPLICATION NUMBER: US/10/701,283
CURRENT FILING DATE: 2003-11-03
PRIOR APPLICATION NUMBER: US/09/737,149
PRIOR APPLICATION NUMBER: US/09/737,149
PRIOR APPLICATION NUMBER: 60/170,564
PRIOR APPLICATION NUMBER: 60/173,165
PRIOR FILING DATE: 1999-12-27
PRIOR APPLICATION NUMBER: 60/173,362
PRIOR APPLICATION NUMBER: 60/173,544
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US-10-701-283-20
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US-10-435-696-180
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Best Local S
Matches 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 180
LENGTH: 22
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Spaderna, Steven K
APPLICANT: Quinn, Kerry E.
APPLICANT: Shimkets, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA FILE REPERROE: LeA 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR PILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
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NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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ORGANISM: Artificial Sequence
FEATURE:
APPLICATION NUMBER: 60/174,404
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18; Conserv
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Kallabis, Harald
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                                                                                                                                                                                                                                                                                                                                                                                                                 Quinn, Kerry E.
Shimkets, Richard A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/10435696
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larity 81.8%;
Conservative
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Pred. No. 6.5e+02;
0; Mismatches 4;
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US-09-863-455-5

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Sequence 5, Application US/09863455
publication No. US20030064434A1
GENERAL INFORMATION:
APPLICANT: ARDATI, ALI
APPLICANT: DELLA PENNA, KIMBERLY
APPLICANT: ZILBERSTEIN, ASHER
TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTOR, GAVE1
FILE REFERENCE: 41391

CURRENT APPLICATION NUMBER: US/09/863,455 CURRENT FILING DATE: 2001-05-24 NUMBER OF SEQ ID NOS: 16

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                                                                                                                                                                                                                                            SEQ ID NO 20
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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LENGTH: 22
                                                                        Matches
                                                                                            Best Local
                                                                                                           Query Match
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Best Local
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                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/247,890 CURRENT FILING DATE: 1999-02-10 EARLIER APPLICATION NUMBER: US 60/074,294 EARLIER FILING DATE: 1998-02-11 EARLIER APPLICATION NUMBER: US 60/105,509 EARLIER FILING DATE: 1998-10-23 NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Maxygen, Inc.
TITLE OF INVENTION: Antigen Library Immunization
FILE REFERENCE: 018097-028710US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/223,929 PRIOR FILING DATE: 2000-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Stemmer, Willem P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Punnonen, Juha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2000-01-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: AYWSHREV primer
                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                           TYPE: DNA
                     3181 AGCAGTGGGAAGTCACTAGCAG 3202
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22 AGGATTGGGAAGACAATAGCAG 1
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                                                                                          Similarity
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Whalen, Robert Gerald
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09247890
No. US20020198162A1
                                                                      Conservative
                                                                                          81.8%;
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                                                                                          Score 15.6; DB 1. Pred. No. 6.9e+02.
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Pred. No. 6.5e+02;
                                                                        Mismatches
                                                                                                             DB 1;
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US-10-140-293-7
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                                                                                                                                                                                                                                                                                          Sequence 91, Application US/10334488 Publication No. US20030180763A1 GENERAL INFORMATION:
                                        SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 91
LENGTH: 23
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7, Application US/10140293 Publication No. US20030022833A1 GENERAL INFORMATION:
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Best Local Similarity
                                                                                             CURRENT APPLICATION NUMBER: US/10/334,488
CURRENT FILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US/09/673,809
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 98870088.6
PRIOR APPLICATION NUMBER: 98870088.6
PRIOR FILING DATE: 1998-04-20
NUMBER OF SEQ ID NOS: 107
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CURRENT APPLICATION NUMBER: US/10/140,293

CURRENT FILING DATE: 2002-05-08

PRIOR APPLICATION NUMBER: US/09/246,041

PRIOR FILING DATE: 1999-02-05

NUMBER OF SEQ ID NOS: 42

SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: CHEN, WEN Y.

APPLICANT: WAGNER, THOMAS E.

TITLE OF INVENTION: USE OF ANTI-PROLACTIN AGENTS TO TREAT PORLIFERATIVE
TITLE OF INVENTION: CONDITIONS
                                                                                                                                                                                                                                   APPLICANT: INNOGENETICS N.V.
TITLE OF INVENTION: Method for typing of HLA alleles.
FILE REFERENCE: PCT99.86.HLA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Ver.
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                      TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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Pred. No. 6.9e+02;
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Pred. No. 6.9e+02;
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US-10-383-317-20/c

Sequence 20, Application US/10383317 Publication No. US20040001849A1 GENERAL INFORMATION:

APPLICANT: Punnonen, Juha APPLICANT: Bass, Steven APPLICANT: Whalen, Rober

Bass, Steven H. Whalen, Robert Gerald

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NAME/KEY: potential microsequencing oligo 99-2649-107.mis2; LOCATION: 1..23; SEQUENCE DESCRIPTION: SEQ ID NO: 300: US-10-367-438-300
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Publication No. US20030180773A1
GENERAL INFORMATION:
APPLICANT: COHEN, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local (
                                                                                                                                                 Matches
                                                                                                                                                                                Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 14-Jan-2000 INFORMATION FOR SEQ ID NO: 300: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 92101

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: Win95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION UMMBER: U$/10/367,438
FILING DATE: 14-Feb-2003
PRIOR APPLICATION DATA:
APPLICATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: LINEAR MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1239 CCGGGCCTCCGTCCACGTCCTC 1260
                                                                        4061 CAGGACTGCCATGCAGTGAAGC 4082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Biallelic markers for use in constructing a high density disequilibrium map
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18;
23
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                                                                                                                                                                                Similarity
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TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 550 West C Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
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81.8%; Pred. No. 6.9e+02
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Pred. No. 6.9e+02
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                                                                                                                                                                                                                          DB 1;
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RESULT 441
US-10-312-373-20/c
US-10-312-373-20/c
; Sequence 20, Application US/10312373
; Publication No. US20040072174A1
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Publication No. US20040048305A1
GENERAL INFORMATION:
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SEQ ID NO 25
LENGTH: 23
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Best Local (
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LENGTH: 23
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Best Local
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CURRENT FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 09/781,882
PRIOR FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 60/182,096
PRIOR APPLICATION NUMBER: 60/182,096
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 29
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PRIOR FILING DATE: 1999-02-10
PRIOR PRIOR PRICATION NUMBER: EARLIER APPLICATION NUMBER:
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER:
PRIOR PILING DATE: EARLIER FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kapeller-Libermann, Rosana
APPLICANT: Millennium Pharmaceuticals, Inc.
TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305Alel Human
TITLE OF INVENTION: Protein Kinase and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Maxygen, Inc.
TITLE OF INVENTION: Antigen Library Immunization
FILE REFERENCE: 018097-028710US
CURRENT APPLICATION NUMBER: US/10/383,317
CURRENT FILING DATE: 2003-03-03
CURRENT FILING DATE: 2003-03-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: MPI00-010P1RCP1M
                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: sirNA anti-sense strand, complement of SEQ ID OTHER INFORMATION: NO:24, nucleotides 1-21 are ribonucleic acid, OTHER INFORMATION: nucleotides 22-23 are deoxyribonucleic acid.
                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                    1531 ACAAGAAAATCCTGCAGCTCAT 1552
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larity 81.8%;
Conservative
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Pred. No. 6.9e+02;
0; Mismatches 4
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RESULT 443 US-09-920-552-37

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Sequence 37, Application US/09920552 Patent No. US20020094576A1 GENERAL INFORMATION:

APPLICANT: Griffiths, APPLICANT: Weiss, Ro

Robin A.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-343-319-4/c
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APPLICANT: Boehm, Thomas
APPLICANT: Dear, Neil T
FITLE OF INVENTION: CALIPAIN PROTEASE 12
FILE REFERENCE: RKG-001US
CURRENT APPLICATION NUMBER: US/10/312,373
CURRENT FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: PCT/EP01/07457
PRIOR FILING DATE: 2001-06-29
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 22
                                                         Query Match
Best Local Similarity 81.8
Conservative
                                                                                                                                                                                                                                                                   SEQ ID NO 4
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Publication No. US20040072242A1
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Best Local
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APPLICANT: Jacques, Nicholas A.
APPLICANT: Martin, Fjelda E.
APPLICANT: Martin, Mangala A.
TITLE OF INVENTION: A METHOD OF DETECTING MICROORGANISMS
FILE REFERENCE: DAVI139.002APC
                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/343,319
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: PCT/AU01/00933
PRIOR FILING DATE: 2001-07-27
PRIOR PPLICATION NUMBER: AU PQ9990/2000
PRIOR PILING DATE: 2000-07-28
PRIOR FILING DATE: 1000-07-28
UNMBER OF SEQ ID NOS: 106
                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                           LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                       FEATURE:
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                   2498 GATGAAGTACAACTTGCCTTCC 2519
22 GCTGAAATGCAACTTACCTTCC 1
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; Pred. No. 6.9e
0; Mismatches
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Pred. No. 6.9e+02;
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CURRENT APPLICATION NUMBER: US/09/777,732
CURRENT FILING DATE: 2001-02-06
NUMBER OF SEQ ID NOS: 41
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 20
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                   US-09-978-295A-573/c
                                                                                                                                     RESULT 445
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                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetically generated primer US-09-777-732-20
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Best Local S
Matches 18
                                                                Sequence 573, Application US/09978295A Patent No. US20020156006A1 GENERAL INFORMATION:
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Patent No. US20020132235A1
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PRIOR FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: GB 9806649.1
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/115,288
PRIOR FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: Abbott Labs
CURRENT APPLICATION NUMBER: US/09/920,552
CURRENT FILING DATE: 2001-08-01
                 APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Manikkam, Suthanthiran TITLE OF INVENTION: MEASUREMENT OF PROTECTIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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APPLICANT: Ma, Nalli
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APPLICANT:
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OTHER INFORMATION: Primer
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18; Conserv
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INVENTION: Material and Methods Relating to a No. US20020094576Alel Retrovi
                                                                                                                                                                                      CACACAAGAGGGCCTCCAGAGT 24
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Ferran, Chrisiane
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Desnoyers, Luc
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Pred. No. 7
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Pred. No. 7
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CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
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APPLICANT:
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FILING DATE: 1998-03-2,
APPLICATION NUMBER: 60/079786
APPLICATION 1998-03-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
                                                                   FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079728
                                                                                                 FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079663
                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/078939
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi,
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Williams, P. Mickey
Wood, William I.
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Austin L.
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APPLICATION NUMBER: 60/ FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01

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60/080107 60/080105 60/079923

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Sequence 573, Application US, Patent No. US20020169284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Desnoyers, Luc
APPLICANT: Faton, Dan
APPLICANT: Filang, Sherman
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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OR FILING DATE: 1998-05-07
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OR APPLICATION NUMBER: 60/084633
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APPLICATION NUMBER: 60/084366
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Baker Kevin P.
Botstein, David
Desnoyers, Luc
Gerber, Hanspeter
Gerritsen, Mary E
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Filvaroff, Ellen
                                        Fong, Sherman
Gao, Wei-Qiang
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APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082568 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/081838 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/082704

APPLICATION NUMBER: FILING DATE: 1998-0

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APPLICATION NUMBER: FILING DATE: 1998-0

APPLICATION NUMBER: 60/081071 APPLICATION NUMBER: 60/081049 FILING DATE: 1998-04-08

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APPLICATION NUMBER: 60/081203

DR APPLICATION NUMBER: 60/083545
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083554
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083558
DR FILING DATE: 1998-04-29

APPLICATION NUMBER: 60/083496 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083499 FILING DATE: 1998-04-29

APPLICATION NUMBER: FILING DATE: 1998-04 APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-0

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1998-04-27 1998-04-23

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APPLICATION NUMBER:

1998-04-1998-04-29

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FILING DATE: APPLICATION NUMBER:

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CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR PRILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-11-03
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C27
DR FILING DATE: 1998-03-12

PR APPLICATION NUMBER: 60/078004

PR FILING DATE: 1998-03-13

PR APPLICATION NUMBER: 60/078086

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/078936

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/078910

PR APPLICATION NUMBER: 60/078910

PR APPLICATION NUMBER: 60/079294

PR FILING DATE: 1998-03-20

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PR FILING DATE: 1998-03-25

PR APPLICATION NUMBER: 60/079656

PR APPLICATION NUMBER: 60/079664

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PR APPLICATION NUMBER: 60/079663

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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Kuo, Sophia S.
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Hillan, Kenneth
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i, J. Christopher
Austin L.
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DR FILING DATE: 1998-04-36
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RAPPLICATION NUMBER: 60/08033

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PR FILING DATE: 1998-04-01

PR APPLICATION NUMBER: 60/081070

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APPLICATION NUMBER: 60/081071
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/081195
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080194
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080327
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APPLICATION NUMBER: 60/080328
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RESULT 447
US-09-978-192A-573/c
US-09-978-192A-573/c
; Sequence 573, Application US/09978192A
; Patent No. US20020177553A1
; PAPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Besnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085580
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FILING DATE: 1998-05-07
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FILING DATE: 1998-05-07
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    Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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                                                                                                                  Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
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Gao, Wei-Qiang
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Filvaroff,
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nilarity 81.8%;
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Pred. No. 7.3e+02;
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C9
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OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079728
OR PILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-30
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OR APPLICATION NUMBER: 60/079923
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OR FILING DATE: 1998-03-31
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OR APPLICATION NUMBER: 60/078910
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
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OR APPLICATION NUMBER: 60/079294
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OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
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APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
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FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
FILING DATE: 1998-03-27
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FILING DATE: 1998-03-12
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Shelton, David L.
Stewart, Timothy A.
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OR FILING DATE: 1998-04-01
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OR APPLICATION NUMBER: 60/081071
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OR APPLICATION NUMBER: 60/081071
OR PILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/08129
OR APPLICATION NUMBER: 60/08129
OR APPLICATION NUMBER: 60/08195
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081830
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR APPLICATION NUMBER: 60/082568
OR APPLICATION NUMBER: 60/082568
OR APPLICATION NUMBER: 60/082704
OR APPLICATION NUMBER: 60/082707

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RESULT 448
US-09-999-832A-573/c
; Sequence 573, Appli
; Publication No. US2
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APPLICANT: Ashkenazi, A
APPLICANT: Baker Kevin
APPLICANT: Botstein, I
APPLICANT: Desmoyers,
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Na
APPLICANT: Filvaroff,
APPLICANT: Filvaroff,
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
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OR APPLICATION NUMBER: 60/084690
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OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085339
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OR APPLICATION NUMBER: 60/085323
OR APPLICATION NUMBER: 60/085323
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OR APPLICATION NUMBER: 60/08562
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08562
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   Paoni, Nicona
Roy, Margaret Ann
Shelton, David L.
Crawart, Timothy A
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Gao, Wei-Qiang
Gerber, Hanspeter
Gerteen, Mary E.
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Hillan, Kenneth J.
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
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Baker Kevin P.
Botstein, David
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Grimaldi,
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Goddard, Audrey
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Tumae,
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Li, J. Christopher
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Kenneth J
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Pred. No. 7.3e+02
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DR FILING DATE: 1998-04-29

PR APPLICATION NUMBER: 60/083495

PR FILING DATE: 1998-04-29

PR APPLICATION NUMBER: 60/083496

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PR APPLICATION NUMBER: 60/083545

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NUMBER: 60/083392 NUMBER: 60/083322

1998-04-28

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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C63
CURRENT APPLICATION UNMBER: US/09/999,832A
CURRENT FILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065311
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                                          NUMBER: 60/080334
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OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR APPLICATION NUMBER: 60/082797
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OR FILING DATE: 1998-05-07

R APPLICATION NUMBER: 60/084640

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084598

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084600
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FILING DATE: 1998-04-23
APPLICATION NUMBER: 60/083336
FILING DATE: 1998-04-27
APPLICATION NUMBER: 60/083322
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FILING DATE: 1998-04-29
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APPLICATION NUMBER: 60/082569
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081952
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/081229
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APPLICATION NUMBER: 60/081071
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RESULT 449
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APPLICANT: Ashkenazi,
APPLICANT: Baker Kev
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic FILE REFERENCE: P2630P1C7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
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DR APPLICATION NUMBER: 60/085700
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DR APPLICATION NUMBER: 60/085579
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DA APPLICATION NUMBER: 60/085339

DA FILING DATE: 1998-05-13

DA APPLICATION NUMBER: 60/085338

DA APPLICATION NUMBER: 60/085338

DA PPLICATION NUMBER: 60/085333

DA APPLICATION NUMBER: 60/085323

DA APPLICATION NUMBER: 60/085323

DA PILING DATE: 1998-05-13

DA PPLICATION NUMBER: 60/085582
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Gerber, Hanspeter
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Botstein, David
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5. US20030004102A1
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f, Ellen
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DR APPLICATION NUMBER: 60/081070
DR FILLING DATE: 1998-04-08
DR PILLING DATE: 1998-04-08
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DR FILLING DATE: 1998-04-08
DR APPLICATION NUMBER: 60/081195
DR APPLICATION NUMBER: 60/081203
DR APPLICATION NUMBER: 60/081203
                                                                                                                                                                                                                 OR APPLICATION NUMBER: 60/079728
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
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OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080333
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OR APPLICATION NUMBER: 60/078886
OR PILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
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OR FILING DATE: 1998-03-25
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OR FILING DATE: 1998-03-25
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OR APPLICATION NUMBER: 60/079664

OR FILING DATE: 1998-03-27

OR APPLICATION NUMBER: 60/079689

OR FILING DATE: 1998-03-27

OR APPLICATION NUMBER: 60/079663

OR APPLICATION NUMBER: 60/079663

OR FILING DATE: 1998-03-27
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OR FILING DATE: 1997-11-21

OR APPLICATION NUMBER: 60/077450

OR FILING DATE: 1998-03-10

OR APPLICATION NUMBER: 60/077632

OR APPLICATION NUMBER: 60/077641

OR APPLICATION NUMBER: 60/077641
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APPLICATION NUMBER: 60/080334
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
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FILING DATE: 2001-07-30
APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
APPLICATION NUMBER: 60/064249
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APPLICATION NUMBER: 60/078004
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PRIOR PRIOR

FILING DATE:

APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-

1998-04-15

60/081838

APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081819

APPLICATION NUMBER: 60/081229

APPLICATION NUMBER: 60/081955

1998-04-

1998-04-09

FILING DATE: APPLICATION NUMBER:

FILING DATE:

APPLICATION NUMBER: 60/082568

APPLICATION NUMBER: FILING DATE: 1998-04

1998-04-22

60/082704

FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804 APPLICATION NUMBER: 60/082569

1998-04-1998-04-15

1998-04-

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RESULT 450
US-09-978-608A-573/c
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Prior Application removed - See File Wrapper or Palm SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 573, Applic Publication No. US20 GENERAL INFORMATION
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Best Local
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Tra
TITLE OF INVENTION: Acids Encoding
FILE REFERENCE: P2630P1C22
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APPLICANT:
APPLICANT:
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                                                                                              NUMBER OF SEQ ID NOS: 624
                                                                                                             CURRENT APPLICATION NUMBER: US/09/978,608A CURRENT FILING DATE: 2001-10-16
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OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085573
OR FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085700
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085689
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
FILING DATE: 1998-05-13
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Similarity 81.8%;
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Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Goddard, Audrey
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o. US20030045462A1
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                                                                                                                                                                                                                                                       Margaret Ann
ton, David L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Wei-Qiang
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                                                                                                                                                                                                                           Daniel
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f, Ellen
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Pred. No. 7.3e+02;
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                                                                                                                                                             the
                                                                                                                                                             Same
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FILING DATE:

1998-05-07

60/084598

APPLICATION NUMBER: APPLICATION NUMBER:

1998-05-07

60/084640

FILING DATE:

1998-05-07

60/084639

APPLICATION NUMBER: 60/084637

1998-05-07 1998-05-06 1998-05-06

APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-05-05 APPLICATION NUMBER: 60/084366

60/084441

60/084414

APPLICATION NUMBER: 60/083742 FILING DATE: 1998-04-30 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083559 FILING DATE: 1998-04-29

60/083500

FILING DATE:

1998-04-29 1998-04-29

APPLICATION NUMBER: 60/083558

FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: 60/083496 FILING DATE: 1998-04-29

1998-04-29

APPLICATION NUMBER: 60/083499

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APPLICATION NUMBER:

FILING DATE:

APPLICATION NUMBER: 60/083392 FILING DATE: 1998-04-28 APPLICATION NUMBER: FILING DATE:

1998-04-29

60/083495

APPLICATION NUMBER: 60/083545

1998-04-29

60/083554

FILING DATE:

APPLICATION NUMBER: 60/083336

1998-04-23

1998-04-27

60/083322

APPLICATION NUMBER:

APPLICATION NUMBER: 60/082797

1998-04-22

60/082796

FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082700

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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-17 APPLICATION NUMBER: APPLICATION NUMBER: 60/ FILING DATE: 1998-05-07 FILING DATE: 1998-5-07 APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE:

60/084643 60/084627 60/084600

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RESULT 451
US-09-978-585A-573/c
; Sequence 573, Application US/09978585A
; US20030049633A1
RESULT 452
US-09-978-191A-573/c
; Sequence 573, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-585A-573
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                                                                                                                                                                                                           Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                  Prior Application removed - See File Wrapper or Palm SEQ ID NO 573
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APPLICANT: Ashkenazi, Avi
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APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C15
CURRENT APPLICATION NUMBER: US/09/978,585A
CURRENT FILING DATE: 2001-10-16
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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18; Conserv
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
Goddard, Audrey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Wei-Qiang
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                                                                                                                                                                                                                             Score 15.6; DB 1;
Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C4
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILLNG DATE: 2001-07-30
PRIOR PILLNG DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR PILLNG DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/063311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
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APPLICANT:
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/077632
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APPLICANT: Baker Kevin P
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R FILING DATE: 1998-03-26

DR APPLICATION NUMBER: 60/079664

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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/078939
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APPLICATION NUMBER: 60/078886
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APPLICATION NUMBER: 60/079294
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Kuo, Sophia S.
Napier, Mary A.
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Grimaldi, J. Christopher
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Gerritsen, Mary E
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Gao, Wei-Qiang
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Stewart, Timothy A.
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Hillan, Kenneth J
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Filvaroff, Ellen
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APPLICATION NUMBER: 60/0 FILING DATE: 1998-03-30 APPLICATION NUMBER: FILING DATE: 1998-03

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APPLICATION NUMBER: 60/084366
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APPLICATION NUMBER: 60/083742
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                                                 Ashkenazi, AviBaker Kevin P.Botstein, DavidDesnoyers, Luc
Eaton, Dan
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Filvaroff,
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APPLICATION NUMBER: 60/082796 FILING DATE: 1998-04-23 APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-27

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NUMBER: 60/081952

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APPLICATION NUMBER: 60/081838

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APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: U9/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062260
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/06311
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Kljavin, Ivar J.
Kuo, Sophia S.
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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sen, Mary E.
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DR APPLICATION NUMBER: 60/082797

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DR FILING DATE: 1998-04-23

DR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083322

DR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083495

DR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083496

DR APPLICATION NUMBER: 60/083496

DR APPLICATION NUMBER: 60/083496

DR APPLICATION NUMBER: 60/083496

DR APPLICATION NUMBER: 60/083592

DR APPLICATION NUMBER: 60/083595

DR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083559

DR APPLICATION NUMBER: 60/083559
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OR PILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082569
OR APPLICATION NUMBER: 60/082704
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OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
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OR APPLICATION NUMBER: 60/081071
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OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-09
OR FILING DATE: 1998-04-15
OR FILING DATE: 1998-04-15
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080334
FILING DATE: 1998-04-01
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FILING DATE: 1998-04-01
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
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RESULT 454
US-09-978-564A-573/c
US-09-978-564A-573/c
Sequence 573, Application US
Publication No. US2003005024
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Bestever, Luc
APPLICANT: Bestever, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleor
APPLICANT: Ferrara, Napoleor
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qlang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen. Marrin
APPLICANT: Gerritsen. Ma
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APPLICATION NUMBER: 60/084598
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Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christ
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APPLICANT: Stewart, Thorthy A.
APPLICANT: Tunnes, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P263091C25
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/06431
PRIOR APPLICATION NUMBER: 60/065311
PRIOR TILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILLING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILLING DATE: 1997-11-21
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OR FILING DATE: 1998-03-10
OR APPLICATION NUMBER: 60/077632
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/077649
OR FILING DATE: 1998-03-11
OR APPLICATION NUMBER: 60/0778004
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OR APPLICATION NUMBER: 60/078004
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078936
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078931
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079294
OR APPLICATION NUMBER: 60/079666
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OR APPLICATION NUMBER: 60/079669
OR APPLICATION NUMBER: 60/079663
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Shelton, David L.
Stewart, Timothy
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Hillan, Kenneth J
Kljavin, Ivar J.
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argaret Ann
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DR FILING DATE: 1998-04-08
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Sequence 573, Application US/09999833A
Publication No. US20030054405A1
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; APPLICANT: Baker Ke
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            Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
Napler, Mary A.
Pan, James,
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Baker Kevin P.
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Gerber, Hanspeter
Gerben, Mary E.
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Filvaroff,
                                                                                                                                                                                                       Gerritsen, Mary
Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                   Botstein,
Paoni, Nicholas
                                                                                                                                                                                                                                                                                                  Fong,
                                                                                                                                                                                                                                                                                                                                                                          Eaton, Dan
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                                                                                                                                                                                                                                                                                                     Sherman
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DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082796

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DR APPLICATION NUMBER: 60/08336

DR APPLICATION NUMBER: 60/083322

DR FILING DATE: 1998-04-28

FILING DATE: 1998-04-29

PR APPLICATION NUMBER: 60/083495

DR APPLICATION NUMBER: 60/083495

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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C65
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-10-24
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FILING DATE: 1997-11-21
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Shelton, David L.
Stewart, Timothy A.
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OR FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/082568
FILING DATE: 1998-04-21
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER: 60/081952
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APPLICATION NUMBER: 60/081229
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FILING DATE: 1998-04-08
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RESULT 456
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APPLICATION NUMBER: 60/085580
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18; Conserv
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
                  Pan, James;
Paon, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Gao, Wei-Qiang
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Kuo, Sophia S.
Napier, Mary A.
                                                                                                                                                                                                                                                                   Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                 Godowski, Paul J.
Grimaldi, J. Christopher
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Filvaroff, Ellen
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Botstein, David
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Pred. No. 7.3e+02;
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR RPPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
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CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION UNMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
                                                          OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
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OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080333
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OR FILING DATE: 1998-04-01
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OR FILING DATE: 1998-03-13
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OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/079656
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REFERENCE: P2630P1C12
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APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/077791
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APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
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                     APPLICATION : FILING DATE:
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APPLICATION NUMBER: 60/079663
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NUMBER: 60/081195

1998-04-08

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APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15

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1998-04-15

60/081955 60/081229

APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081838

APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804

FILING DATE:

FILING DATE:

1998-04-22

APPLICATION NUMBER: 60/082700

APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21

APPLICATION NUMBER: FILING DATE: 1998-04 FILING DATE:

1998-04-21 1998-04-

60/082568

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APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Pol
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C14
CURRENT APPLICATION NUMBER: US/09/978,824
CURRENT FILING DATE: 2001-10-17
PRIOR APPLICATION NUMBER: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
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OR APPLICATION NUMBER: 60/085582
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OR APPLICATION NUMBER: 60/085700
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085573
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OR APPLICATION NUMBER: 60/085704
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
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Botstein, David
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Hillan, Kenneth J
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f, Ellen
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J. Christopher
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60/084640 60/084639 60/084637 60/084441

FILING DATE: 1998-09
APPLICATION NUMBER:
FILING DATE: 1998-09

APPLICATION NUMBER: 60/084600 FILING DATE: 1998-05-07

NUMBER:

APPLICATION NUMBER: FILING DATE: 1998-09

1998-05-07 1998-05-07 1998-05-07 1998-05-07

60/084598

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NUMBER:

60/083742

1998-04-29

APPLICATION NUMBER: 60/083559 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083500

APPLICATION NUMBER:

1998-04-29

60/083558

FILING DATE:

1998-04-29

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083554

APPLICATION NUMBER: 60/083545 APPLICATION NUMBER: 60/083499

1998-04-29 1998-04-29 1998-04-29 1998-04-29 1998-04-28

FILING DATE:

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FILING DATE:

NUMBER: 60/083496 NUMBER: 60/083495 FILING DATE APPLICATION

NUMBER: 60/083322

APPLICATION NUMBER: 60/083336 APPLICATION NUMBER: 60/082796 APPLICATION NUMBER: 60/082797

1998-04-

1998-04-23 1998-04-22 1998-04-22

FILING DATE: FILING DATE:

FILING DATE:

APPLICATION NUMBER: 60/083392

FILING DATE: APPLICATION

NUMBER: 60/084414 NUMBER: 60/084366

1998-05-05 1998-04-30

APPLICATION

NUMBER:

1998-05-06 1998-05-06

FILING DATE:

FILING DATE: 1997-10-17 APPLICATION NUMBER: 60/064249 FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/08195; PRIOR FILLING DATE: 1998-04-15 PRIOR PILLING DATE: 1998-04-15 PRIOR APPLICATION NUMBER: 60/08181; PRIOR APPLICATION NUMBER: 60/08181; PRIOR APPLICATION NUMBER: 60/08195; PRIOR APPLICATION NUMBER: 60/08256; PRIOR PILLING DATE: 1998-04-21 PRIOR PILLING DATE: 1998-04-21 PRIOR APPLICATION NUMBER: 60/08256; PRIOR PILLING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/08270; PRIOR PILLING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/08270; PRIOR PILLING DATE: 1998-04-22 PRIOR PILLING DATE: 1998-04-22 PRIOR APPLICATION NUMBER: 60/08270; PRIOR PILLING DATE: 1998-04-27 PRIOR APPLICATION NUMBER: 60/08279; PRIOR APPLICATION NUMBER: 60/08279; PRIOR PILLING DATE: 1998-04-27 PRIOR PILLING DATE: 1998-04-27 PRIOR PILLING DATE: 1998-04-27 PRIOR APPLICATION NUMBER: 60/08332; PRIOR APPLICATION NUMBER: 60/08333; PRIOR APPLICATION NUMBER: 60/08333; PRIOR APPLICATION NUMBER: 60/08333; PRIOR APPLICATION NUMBER: 60/08349; PRIOR APPLICATION NUMBER: 60/08349; PRIOR APPLICATION NUMBER: 60/08349; PRIOR APPLICATION NUMBER: 60/08349; PRIOR APPLICATION NUMBER: 60/08355; PRIOR APPLICATION NUMBER: 60/08356; PRIOR PILLING DATE: 1998-04-29 PRIOR APPLICATION NUMBER: 60/08359; PRIOR APPLICATION NUMBER: 60/08369; PRIOR APPLICATION NUMBER: 60/08369; PRIOR APPLICATION NUMBER: 60/08369; PRIOR APPLICATION NUMBER: 60/08469; PRIOR APPLICATION NUMBE				
RIOR APPLICATION NUMBER: 60/08195 RIOR APPLICATION NUMBER: 60/08195 RIOR APPLICATION NUMBER: 60/08181 RIOR FILING DATE: 1998-04-15 RIOR APPLICATION NUMBER: 60/08181 RIOR FILING DATE: 1998-04-15 RIOR APPLICATION NUMBER: 60/08183 RIOR FILING DATE: 1998-04-21 RIOR APPLICATION NUMBER: 60/08256 RIOR FILING DATE: 1998-04-21 RIOR APPLICATION NUMBER: 60/08256 RIOR FILING DATE: 1998-04-21 RIOR APPLICATION NUMBER: 60/08256 RIOR FILING DATE: 1998-04-22 RIOR APPLICATION NUMBER: 60/08270 RIOR APPLICATION NUMBER: 60/08270 RIOR FILING DATE: 1998-04-22 RIOR APPLICATION NUMBER: 60/08270 RIOR FILING DATE: 1998-04-22 RIOR APPLICATION NUMBER: 60/08270 RIOR APPLICATION NUMBER: 60/08333 RIOR RILING DATE: 1998-04-29 RIOR APPLICATION NUMBER: 60/08349 RIOR APPLICATION NUMBER: 60/08344 RIOR FILING DATE: 1998-04-29 RIOR APPLICATION NUMBER: 60/08441 RIOR FILING DATE: 1998-05-07 RIOR APPLICATION NUMBER: 60/08444 RIOR FILING DATE: 1998-05-07 RIOR APPLICATION NUMBER: 60/08463		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
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NUMBER: 60/08195 1998-04-15 1998-04-15 1998-04-15 1998-04-15 1998-04-15 1998-04-15 1998-04-15 1998-04-15 1998-04-15 1998-04-21 1998-04-21 1998-04-22 NUMBER: 60/08280 1998-04-22 NUMBER: 60/08270 1998-04-22 NUMBER: 60/08270 1998-04-22 NUMBER: 60/08270 1998-04-23 NUMBER: 60/08270 1998-04-29 NUMBER: 60/0833 1998-04-29 NUMBER: 60/0833 1998-04-29 NUMBER: 60/08349 1998-05-07 NUMBER: 60/08441 1998-05-07 NUMBER: 60/08463	PPLICATION LIVING DATE PPLICATION	PPLICATION	ILING D  PPLICAT  PPLICAT  ILING D  PPLICAT  PPLICAT  ILING D  PPLICAT  PPL	PPLICAT PPLICAT PPLICAT ILING D PPLICAT
	NUMBER: 60/0845 1998-05-07 NUMBER: 60/0846 1998-5-07 NUMBER: 60/0846 1998-05-07 NUMBER: 60/0846 1998-05-07 NUMBER: 60/0853 NUMBER: 60/0853 NUMBER: 60/0853	NUMBER: 60/08355 1998-04-29 NUMBER: 60/08350 1998-04-29 1998-04-30 1998-04-30 NUMBER: 60/08436 1998-05-05 NUMBER: 60/08441 1998-05-06 NUMBER: 60/08444 1998-05-06 NUMBER: 60/08463 1998-05-07 NUMBER: 60/08463 1998-05-07 NUMBER: 60/08463	I 1998-04-22 I 1998-04-22 I 1998-04-22 I 1998-04-23 I 1998-04-23 I 1998-04-23 I 1998-04-28 I 1998-04-29	NUMBER: 60/0819 : 1998-04-15 : 1998-04-15 : 1998-04-15 : 1998-04-15 : 1998-04-15 NUMBER: 60/0819 : 1998-04-15 NUMBER: 60/0819 : 1998-04-15 : 1998-04-21 : 1998-04-21 : NUMBER: 60/0825 : 1998-04-21 : 1998-04-21 : 1998-04-21 : 1998-04-21 : 1998-04-21 : 1998-04-21 : 1998-04-22 : 1998-04-22 : 1998-04-22 : 1998-04-22 : 1998-04-22

PRIOR PRIOR

DR APPLICATION NUMBER: 60/065311
DR FILING DATE: 1997-11-13
DR APPLICATION NUMBER: 60/066364
DR FILING DATE: 1998-03-10
DR APPLICATION NUMBER: 60/077450
DR APPLICATION NUMBER: 60/077632
DR APPLICATION NUMBER: 60/077641
DR APPLICATION NUMBER: 60/077649
DR FILING DATE: 1998-03-11
DR APPLICATION NUMBER: 60/077649
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DR APPLICATION NUMBER: 60/0778004
DR FILING DATE: 1998-03-11
DR APPLICATION NUMBER: 60/078936
DR APPLICATION NUMBER: 60/079294
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DR APPLICATION NUMBER: 60/07966
DR FILING DATE: 1998-03-27
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DR APPLICATION NUMBER: 60/080107
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DR FILING DATE: 1998-04-01
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CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
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Matches 18; Conserv
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CURRENT APPLICATION NUMBER: US/09/918,585A
CURRENT FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                           APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Botstein, David
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ilarity 81.8%;
Conservative
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Pred. No. 7.
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.3e+02;
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OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-03-31
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OR APPLICATION NUMBER: 60/080327
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
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OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-08
    OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
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OR APPLICATION NUMBER: 60/081819
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OR APPLICATION NUMBER: 60/081952
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OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079656
OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079664
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R FILING DATE: 1998-03-
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APPLICATION NUMBER: 60/081203
FILING DATE: 1998-04-09
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FILING DATE: 1998-04-08
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APPLICATION NUMBER: 60/079728
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APPLICATION NUMBER: 60/079786
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FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
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APPLICATION NUMBER: 60/078004
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FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22

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NUMBER:

1998-04-2:

60/082569 60/082568

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APPLICANT: Williams, P. Mickey
APPLICANT: WOOd, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C75
CURRENT APPLICATION NUMBER: U9/999,834A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/08573
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PRIOR APPLICATION NUMBER: 60/085704
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Best Local (
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APPLICANT: Baker Kevin P
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Shelton, David L
Stewart, Timothy A.
Tumas, Daniel
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Grimaldi,
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Hillan, Kenneth J
Kljavin, Ivar J.
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Goddard, Audrey
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Filvaroff,
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Desnoyers, Luc
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D. US20030064407A1
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f, Ellen
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J. Christopher
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R APPLICATION NUMBER: 60/08
R FILING DATE: 1998-05-15
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NUMBER:

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NUMBER: 60/084600

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60/084598

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FILING DATE

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60/084637

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NUMBER: 60/084639

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NUMBER: 60/084441

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NUMBER: 60/084366 NUMBER: 60/083742 NUMBER: 60/083500

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FILING DATE: 1998-04-28
APPLICATION NUMBER: 60/083392
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NUMBER: 60/083336 NUMBER: 60/082796 NUMBER: 60/082797 NUMBER: 60/082700 NUMBER: 60/082804

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APPLICATION NUMBER: 60/083559 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083500

FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
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PRIOR PRIOR

OR APPLICATION NUMBER: 60/078910
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/078939
OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/080327
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OR APPLICATION NUMBER: 60/080334

APPLICATION NUMBER: 60/080165 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080194 FILING DATE: 1998-03-31

APPLICATION NUMBER: APPLICATION NUMBER:

60/080107

FILING DATE:

1998-03-3

60/080105

FILING DATE: 1998-03-31

OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/079923
OR FILING DATE: 1998-03-30

APPLICATION NUMBER: 60/079663 FILING DATE: 1998-03-27

APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/ FILING DATE: 1998-03-27

FILING DATE: 1998-03-26

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APPLICATION NUMBER: 60/079728 FILING DATE: 1998-03-27

OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08
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OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
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OR APPLICATION NUMBER: 60/082568
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OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569

FILING DATE: 1998-04-15
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FILING DATE: 1998-04-15
APPLICATION NUMBER: 60/081819

APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955

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RESULT 460
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; Sequence 573, Application US/09978423A
; Publication No. US20030069178A1
                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR PRIOR PAPPLICATION NUMBER: 60/062250
PRIOR PRIOR FILING DATE: 1997-10-17
PRIOR PRIOR PAPPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06531
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PRILING DATE: 1997-11-21
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PRIOR PRILING DATE: 1997-11-31
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
APPLICANT: Botstein, Davy
APPLICANT: Desnoyers, Luc
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C21
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Stewart, Timothy A.
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Gerritsen, Mary E.
Goddard, Audrey
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Kuo, Sophia S.
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Botstein, David
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                       NUMBER: 60/078886
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OR APPLICATION NUMBER: 60/081203
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OR APPLICATION NUMBER: 60/08195
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
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DR APPLICATION NUMBER: 60/80107
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FILLING DATE: 1998-04-22
APPLICATION NUMBER: 60/082700
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082797
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APPLICATION NUMBER: 60/082704
FILING DATE: 1998-04-22
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APPLICATION NUMBER: 60/082568
FILING DATE: 1998-04-21
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APPLICATION NUMBER: 60/081070
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APPLICATION NUMBER: 60/081049
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079786
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APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/079689
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APPLICATION NUMBER: 60/079664
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APPLICATION NUMBER: 60/078910
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Score 15.6; DB 1;
Pred. No. 7.3e+02;
0; Mismatches 4;
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CURRENT APPLICATION NUMBER: US/09/978,193A
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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DR FILING DATE: 1998-03-12

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Baker Kevin P.
Botstein, David
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Williams, P. Mickey
Wood, William I.
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Stewart, Timothy A.
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Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C70
CURRENT APPLICATION NUMBER: US/09/999,830A
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Grimaldi, J. Christopher
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DR FILING DATE: 1998-03-31

DR APPLICATION NUMBER: 60/080327

DR APPLICATION NUMBER: 60/080328

DR FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/080328

DR FILING DATE: 1998-04-01
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R APPLICATION N
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FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
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RESULT 463
US-09-978-757A-573/c
; Sequence 573, Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Betsein, David
; APPLICANT: Desnoyers, Luc
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DR APPLICATION NUMBER: 60/084598

DR FILING DATE: 1998-05-07

OR APPLICATION NUMBER: 60/084600

OR FILING DATE: 1998-05-07
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DR APPLICATION NUMBER: 60/085579

DR APPLICATION NUMBER: 60/085580

DR APPLICATION NUMBER: 60/085580

DR APPLICATION NUMBER: 60/085573

DR APPLICATION NUMBER: 60/085573

DR APPLICATION NUMBER: 60/085704

DR APPLICATION NUMBER: 60/085704

DR APPLICATION NUMBER: 60/085697

DR APPLICATION NUMBER: 60/085697
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OR APPLICATION NUMBER: 60/085338
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085323
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/085582
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OR FILING DATE: 1998-05-15
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OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085689
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DR APPLICATION NUMBER: 60/084627

R FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084643

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DR APPLICATION NUMBER: 60/085339
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083742
FILING DATE: 1998-04-30
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083558
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Pred. No. 7
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APPLICANT: MOLANCING, William Transmembrance Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrance Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrance Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same PILCATOR OF INVENTION: Acids Encoding the Same PILCATOR PRIOR PRIOR PILCATOR (MINERS 1997)8555
PRIOR PILCATOR NUMBER: 0903-03-19
PRIOR PAPELCATION UNDERS: 0908-03-19
PRIOR PAPELCATION UNDERS: 60/60229
PRIOR PILCATOR ON NUMBER: 60/60229
PRIOR PILCATOR ON NUMBER: 60/60341
PRIOR PILCATOR NUMBER: 60/605311
PRIOR PAPELCATION UNDERS: 60/605311
PRIOR PILCATOR NUMBER: 60/605311
PRIOR PILCATOR NUMBER: 60/605311
PRIOR PILCATOR NUMBER: 60/605311
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PRIOR PILCATOR NUMBER: 60/60534
PRIOR PILCATOR NUMBER: 60/607642
PRIOR PILCATOR NUMBER: 60/607643
PRIOR PILCATOR NUMBER: 60/607643
PRIOR PILCATOR NUMBER: 60/607836
PRIOR PILCATOR NUMBER: 60/607966
PRIOR PILCATOR NUMBER: 60/6079728
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Grimaldi,
Tumas, Daniel Williams, P. Mickey Wood, William I.
                       Roy, Maryung
Shelton, David L.
Shewart, Timothy A.
                                                                                                            Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                               Gerritsen, Mary
                                                                                                                                                                                                       Filvaroff,
                                                                                                                                                                                                                          Eaton, Dan
                                                          Paoni, Nicholas
                                                                                                                                                                                           Fong,
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                                                                              Wapier, Mary A.
                                                                                                   ljavin,
                                                                                        Sophia S.
                                                                                                                                                                                  Wei-Qiang
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f, Ellen
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                                                                                                                                 Paul J.
J. Christopher
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R FILING DATE: 1998-03.
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APPLICATION NUMBER: 60/080165 FILING DATE: 1998-03-31

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60/080327 60/080194 APPLICATION NUMBER: FILING DATE: 1998-0

1998-03-31

60/080107 60/080105

1998-03-3

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GENERAL INFORMATION:
APPLICANT: Gunderson, Kevin
APPLICANT: Gunderson, Kevin
TITLE OF INVENTION: Probes and Decoder Oligonucleotides
FILE REFERENCE: A-69605-1
CURRENT APPLICATION NUMBER: US/09/940,185
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/227,948
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: US 60/228,854
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 4768
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US-09-940-185-1743
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OR APPLICATION NUMBER: 60/084627
OR APPLICATION NUMBER: 60/084643
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/08533
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/08532
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08562
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08568
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OR APPLICATION NUMBER: 60/08568
OR APPLICATION NUMBER: 60/08568
OR APPLICATION NUMBER: 60/08569
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/08570
OR APPLICATION NUMBER: 60/08570
OR APPLICATION NUMBER: 60/08558
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OR APPLICATION NUMBER: 60/08557
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OR APPLICATION NUMBER: 60/085570
OR APPLICATION NUMBER: 60/085704
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084637
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APPLICATION NUMBER: 60/084414
FILING DATE: 1998-05-06
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APPLICATION NUMBER: 60/083742
FILING DATE: 1998-04-30
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/083500
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. US20030096239A1
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Pred. No. 7.3e
0; Mismatches
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OR APPLICATION NUMBER: 60/082700
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082796
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083336
OR APPLICATION NUMBER: 60/083322
OR APPLICATION NUMBER: 60/083322

R APPLICATION NUMBER: 60/08 FILING DATE: 1998-04-29 R FILING DATE: 1998-04-29 R FILING DATE: 1998-04-29 R APPLICATION NUMBER: 60/08 R APPLICATION NUMBER: 60/08

60/083554

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60/083558

APPLICATION NUMBER: 60/083496 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083499 FILING DATE: 1998-04-29

FILING DATE: 1998-04 APPLICATION NUMBER: FILING DATE: 1998-04 APPLICATION NUMBER:

1998-04-29 1998-04-29 1998-04-28

60/083495 60/083392 PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

FILING DATE: FILING DATE: APPLICATION

1998-04-

NUMBER: 60/082569 NUMBER: 60/082568

1998-04-

APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804 FILING DATE: 1998-04-22

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APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09

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APPLICATION NUMBER:
FILING DATE: 1998-0.

1998-04-08

60/081195

1998-04-08

60/081071

APPLICATION NUMBER: FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081049

APPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080328 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-01 APPLICATION NUMBER: FILING DATE: 1998-03

R APPLICATION NUMBER: (
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60/081955

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FILING DATE:

NUMBER:

60/081838

1998-04-15 1998-04-15 1998-04-15 1998-04-1

NUMBER: 60/081952 NUMBER: 60/081819 NUMBER: 60/081817

APPLICATION FILING DATE:

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RESULT 465
US-09-978-187B-573/c
; Sequence 573, Application US/09978187B
; Carion No. US20030096744A1
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                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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APPLICANT: Ashkenazi, Avi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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EQ ID NO 1743
LENGTH: 24
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CURRENT FILING DATE: 2001-10-15
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Computer Generated Probe
                                                             FILLING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/
FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/077450
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Shelton, David L.
Stewart, Timothy A.
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Napier, Mary A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
Gurney, Austin L.
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Botstein, David
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Pred. No. 7.3e+02;
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PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
                                                           OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
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OR APPLICATION NUMBER: 60/081049
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OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
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OR FILING DATE: 1998-04-15
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OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
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DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079786
DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079920
DR FILING DATE: 1998-03-30
DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/079923
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FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
                  APPLICATION NUMBER: 60/082569
FILING DATE: 1998-04-21
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APPLICATION NUMBER: 60/081819
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APPLICATION NUMBER: 60/080334
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APPLICATION NUMBER: 60/081070
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APPLICATION NUMBER: 60/080328
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APPLICATION NUMBER: 60/080333
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APPLICATION NUMBER: 60/079663
FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/078910
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FILING DATE: 1998-04-23
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APPLICATION NUMBER: 60/085579
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RESULT 467
US-09-978-643A-573/c
; Sequence 573, Application US/09978643A
...'>¬ No. US20030104998A1
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SEQ ID NO 20
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEACURE: IMPORMATION: antisense oligonucleotide primer
US-09-778-013-20
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Best Local S
Matches 18
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PRIOR FILING DATE: 1997-09-24
NUMBER OF SEQ ID NOS: 57
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PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: US 60/240,735
PRIOR FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: US 60/238,718
PRIOR FILING DATE: 2000-10-06
DBTIOR PELLING DATE: 2000-10-06
DBTIOR PELLING DATE: 2000-10-06
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CURRENT FILING DATE: 2003-01-21
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APPLICANT: Vasconcellos, Lauro
TITLE OF INVENTION: METHOD OF EVALUATING TRANSPLANT REJECTION
                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/199,327 PRIOR FILING DATE: 2000-04-24
                                                                                   APPLICANT:
                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 01948-061001
                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                           3 CACACAAGAGGGCCTCCAGAGT 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
Gerritsen, Mary E.
Goddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                                                                                                                                              Ashkenazi,
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                                                                                                               Fong, Sherman
Gao, Wei-Qiang
                                                                                                Gerber, Hanspeter
                                                                                                                                               Ferrara, N. Filvaroff,
                                                                                                                                                                                Eaton,
                                                                                                                                                                                              Desnoyers, Luc
                                                                                                                                                                                                              Botstein, David
                                                                                                                                                                                                                             Baker Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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f, Ellen
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Pred. No. 7.3e+02;
0; Mismatches 4
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Pred. No. 7.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/978,643A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 573, A Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                              APPLICANT:
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              FILE REFERENCE: P2630P1C24
CURRENT APPLICATION NUMBER: US/09/978,375A
CURRENT FILING DATE: 2002-04-19
                                                           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C16
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Application removed - See File Wrapper or Palm
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                                                                                                                                       Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
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Williams, P. Mickey
Wood, William I.
                                                                                            Tumas, Daniel
Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                                                         Napier, Mary A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Filvaroff, Ellen
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Shelton, David L.
Stewart, Timothy A.
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                                                                                                                                                                                                                                           Kuo, Sophia S.
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o. US20030130181A1
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Pred. No. 7
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
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SEQ ID NO 573
LENGTH: 24
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C2
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ORGANISM: Artificial Sequence
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                                              APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
                                                                                                                       APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
              APPLICATION NUMBER: 60/077641 FILING DATE: 1998-03-11
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al Similarity 81.8%;
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. C
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Hillan, Kenneth J
Kljavin, Ivar J.
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NUMBER: 60/077649
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ff, Ellen
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Pred. No. 7.3e+02;
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NUMBER: 60/0

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NUMBER: 1998-0 NUMBER	NUM	1998- NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER	1998- NIMBER 1998- NIMBER 1998- 1998- 1998- NIMBER 1998- NIMBER 1998- 1998- 1998-
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R APPLICATION NUMBER: 6
R FILLING DATE: 1998-03
R APPLICATION NUMBER: 6
R FILLING DATE: 1998-03
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R APPLICATION NUMBER: 6

1998-03-31 1998-03-3

60/080194

60/080165 60/080107

1998-04-01

FILING DATE:

1998-04-01

60/080328 60/080327 DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/07
DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/08
DR APPLICATION NUMBER: 60/08
DR APPLICATION NUMBER: 60/08
DR APPLICATION NUMBER: 60/08
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/08
DR FILING DATE: 1998-03-31
DR FILING DATE: 1998-03-31

: 1998-03-27 NUMBER: 60/079920 NUMBER: 60/079786 NUMBER: 60/079728 : 1998-03-27

NUMBER: 60/080105 : 1998-03-31 NUMBER: 60/079923 : 1998-03-30 A PPLING DATE:
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A FILING DATE:
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NUMBER: NUMBER:

60/079294 60/078939

1998-03-25 1998-03-20

NUMBER: 60/079664 NUMBER: 60/079656

1998-03-27

FILING DATE: APPLICATION 1

NUMBER: 60/078910

1998-03-

1998-03-20

NUMBER: NUMBER:

60/078936 60/078886

1998-03-20 1998-03-1

FILING DATE:

NUMBER: NUMBER:

60/079663 60/079689

1998-03-27

1998-03-

OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081817
OR APPLICATION NUMBER: 60/081819
OR PILING DATE: 1998-04-15

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N NUMBER: 60/081838
E: 1998-04-15
E: 1998-04-21
E: 1998-04-21
N NUMBER: 60/082569
E: 1998-04-21
N NUMBER: 60/082704

NUMBER: 60/081952 : 1998-04-15

OR APPLICATION NUMBER: 60/08033
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR APPLICATION NUMBER: 60/081049
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08

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RESULT 470
US-09-978-188A-573/c
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C8
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Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
Goddard, Audrey
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Filvaroff, Ellen
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APPLICATION NUMBER: 60/081203
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APPLICATION NUMBER: 60/079920
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FILING DATE: 1998-03-27
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APPLICATION NUMBER: 60/082569
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APPLICATION |
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APPLICATION NUMBER: 60/080328
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                           Score 15.6; DB 1;
Pred. No. 7.3e+02;
0; Mismatches 4;
                                                          Length 24;
                              Indels
                              0
                              Gaps
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RESULT 471
US-09-978-681A-573/c
; Sequence 573, Application US/09978681A
; Sequence 573, US20030195148A1
                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/978,681A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-12
PRIOR PILING DATE: 1998-03-13
PRIOR PILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/077604
PRIOR PILING DATE: 1998-03-13
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; Publication No.
; GENERAL INFORMAT
; APPLICANT: Ashk
; APPLICANT: Bak
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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DR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/078936

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/078910

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/078939

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/079294

PR FILING DATE: 1998-03-25

PR FILING DATE: 1998-03-25
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Stewart, Timothy A.
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Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gerber, Hanspeter
Gerritsen, Mary E
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Kuo, Sophia S.
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f, Ellen
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Matches 18
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OR APPLICATION NUMBER: 60/083495
OR PILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
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OR APPLICATION NUMBER: 60/08359
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OR APPLICATION NUMBER: 60/083742
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OR APPLICATION NUMBER: 60/08436
OR APPLICATION NUMBER: 60/08441
OR FILING DATE: 1998-05-06
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08461
OR APPLICATION NUMBER: 60/08463
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/08532
OR APPLICATION NUMBER: 60/08533
OR APPLICATION NUMBER: 60/085580
OR APPLICATION NUMBER
                                     820 TGGAGGAAGAGGACACAGGCGA 841
22
                                                                                                             0.3%;
l Similarity 81.8%;
l8; Conservative
TGGAGGAAGGGGACGGAGGAGA
                                                                                                             Score 15.6; DI
Pred. No. 7.3e
0; Mismatches
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                                                                                                                       Indels
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RESULT 472 US-09-978-194A-573/c ; Sequence 573, Application US/09978194A

PRIOR

DR APPLICATION NUMBER: 60/081229
DR APPLICATION NUMBER: 60/081955
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081955
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081819
DR APPLICATION NUMBER: 60/081819
DR APPLICATION NUMBER: 60/081839
DR APPLICATION NUMBER: 60/082569
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/082569
DR FILING DATE: 1998-04-21
DR APPLICATION NUMBER: 60/082569
DR FILING DATE: 1998-04-21
DR APPLICATION NUMBER: 60/082704
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082704
DR APPLICATION NUMBER: 60/082704
DR APPLICATION NUMBER: 60/082704
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DR APPLICATION NUMBER: 60/082700
DR APPLICATION NUMBER: 60/082797
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DR APPLICATION NUMBER: 60/80327

OR FILING DATE: 1998-04-01

OR PILING DATE: 1998-04-01

OR APPLICATION NUMBER: 60/08033

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OR FILING DATE: 1998-04-01

OR APPLICATION NUMBER: 60/080334

OR FILING DATE: 1998-04-01

OR APPLICATION NUMBER: 60/081070

OR FILING DATE: 1998-04-08

OR APPLICATION NUMBER: 60/081049

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RILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080194
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DR APPLICATION NUMBER: 60/079786
DR FILLING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079920
DR FILING DATE: 1998-03-30
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DR APPLICATION NUMBER: 60/080105
DR APPLICATION NUMBER: 60/080107
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APPLICATION FILING DATE:

NUMBER: 60/079663 : 1998-03-27

NUMBER: NUMBER:

60/079689 60/079664

1998-03-1998-03-27 1998-03-26

FILING DATE: APPLICATION

NUMBER: 60/079656

FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079728
FILING DATE: 1998-03-27

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Publication No. US20030195333A1 GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-10-15
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C10
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APPLICANT: Baker Kevin P
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OR FILING DATE: 2001-07-30
OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR APPLICATION NUMBER: 60/077450
OR FILING DATE: 1999-03-10
OR FILING DATE: 1999-03-10
OR FILING DATE: 1998-03-10
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FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078004
FILING DATE: 1998-03-13
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-25
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                                                                                                                        FILING DATE:
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Botstein, David
Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Godowski, Paul J.
Grimaldi, J. Christopher
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Gao, Wei-Qiang
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Filvaroff,
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Hillan, Kenneth J
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Gerritsen, Mary E.
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                         NUMBER: 60/
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f, Ellen
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OR APPLICATION NUMBER: 60/080327
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OR APPLICATION NUMBER: 60/081819
OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/08182
OR APPLICATION NUMBER: 60/081952
OR APPLICATION NUMBER: 60/08256
OR APPLICATION NUMBER: 60/08256
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082704
OR APPLICATION NUMBER: 60/082706
OR APPLICATION NUMBER: 60/082707
OR APPLICATION NUMBER: 60/082706
O
DR FILING DATE: 1998-04-28

PR APPLICATION NUMBER: 60/083392

DR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083495

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DR APPLICATION NUMBER: 60/083496

DR APPLICATION NUMBER: 60/083496

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PR APPLICATION NUMBER: 60/079786

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DR APPLICATION NUMBER: 60/079920

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FILING DATE: 1998-03-31
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                                                                                         Sequence 573, Application US/09999829A Publication No. US20030195344A1 GENERAL INFORMATION:
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Best Local
                                                                                                                                                                                                                                                                                                     Matches
               APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                       DATE: 1998-05-15
DA APPLICATION NUMBER: 60/085573
DR AFFILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085704
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085697
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R APPLICATION NUMBER: 60/085338

OR FILING DATE: 1998-05-13

OR FILING DATE: 1998-05-13

OR APPLICATION NUMBER: 60/085323

OR FILING DATE: 1998-05-13

OR APPLICATION NUMBER: 60/085582

OR FILING DATE: 1998-05-15
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/084640
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FILING DATE: 1998-05-05
APPLICATION NUMBER: 60/084414
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FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083742
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APPLICATION NUMBER: 60/085339
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DATE: 1998-04-29
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Pred. No. 7
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 APPLICANT:
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RESULT 474
US-09-578-299A-573/c
J Sequence 573, Application US/09978299A
US20030199435A1
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; ORANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-999-829A-573
                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local S
Matches 18
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
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LENGTH: 24
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                             Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
                                                                                                                                                                  Gao,
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Williams, P. Mickey
Wood, William I.
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                                                                   Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                     Gerritsen, Mary E.
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Goddard, Audrey
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Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Napier, Mary A.
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ni, Nicholas
                                                                                                                                                                Wei-Qiang
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                                                                                                                                                                                Sherman
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                                                                                                                                                                                                          Napoleon
                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%; Score 15.6; DB 1
81.8%; Pred. No. 7.3e+02
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Roy, Margaret

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APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081952 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081988 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082797 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082797 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/08333 APPLICATION NUMBER: 60/08332 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08332 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08349 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08349 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08354 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08354 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08354 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08355 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08359 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/08461 APPLICATION NUMBER: 60/08461 APPLICATION NUMBER: 60/08463	FILING DATE: 1998-04-01 RIPLICATION NUMBER: 60/081070 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081049 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081071 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081195 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229 APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081955
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PR APPLICATION NUMBER: 60/085700

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APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085338
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FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/085323
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APPLICATION NUMBER: 60/084643
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T: Wood, William I
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INVENTION: Acids Encodi
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                                      Paoni, Nicholas F.
Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
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                                                                                                                                                                     Gurney, Austin L.
Hillan, Kenneth J
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Grimaldi, J. Christopher
                                                                                                                                                                                                                    Gerritsen, Mary
Goddard, Audrey
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o. US20030199436A1
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                                                                                                                                           Sophia S.
                                                                                                                   James;
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Pred. No. 7.
                Transmembrane Polypeptides and Nucleic
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FILE REFERENCE: P2630P1C13
CURRENT APPLICATION NUMBER: US/09/978,544A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
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PRIOR APPLICATION NUMBER: 60/077450
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PRIOR APPLICATION NUMBER: 60/077641
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OR APPLICATION NUMBER: 60/077791
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: 60/079939
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OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/079656
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1998-04-21

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APPLICATION NUMBER: 60/081819 FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081952

APPLICATION NUMBER: 60/081838 FILING DATE: 1998-04-15

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1998-04-1

APPLICATION NUMBER: 60/082568

FILING DATE: 1998-04-15 APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15

APPLICATION NUMBER: 60/081229

1998-04-09 1998-04-08

60/081203 60/081195

NUMBER: 60/081955

1998-04-09

FILING DATE: 1998-0-APPLICATION NUMBER:

NUMBER:

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RESULT 476
US-09-978-665A-573/c
; Sequence 573, Application US/09978665A
; Sequence No. US20030199437A1
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Matches 18
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C19
CURRENT EPLICATION NUMBER: US/09/978,665A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR PILING DATE: 2001-07-30
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Shelton, David L.
Shewart, Timothy A.
Tumas, Daniel
Tumas, P. Mickey
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Kuo, Sophia S.
Napier, Mary A.
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Gerritsen, Mary E
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PRIOR PRIOR

DR APPLICATION NUMBER: 60/084637

DR FILING DATE: 1998-05-07

DR PILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084640

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084598

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084598

DR APPLICATION NUMBER: 60/084600

FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/ FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/

60/084627

APPLICATION NUMBER: 60/084414
FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
FILING DATE: 1998-05-06

FILING DATE: FILING DATE: APPLICATION

NUMBER: 60/084366

1998-04-30 1998-04-29

1998-05-05

APPLICATION NUMBER: 60/083742

FILING DATE: APPLICATION NUMBER: FILING DATE: FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083545
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APPLICATION NUMBER: 60/083554
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60/083558

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APPLICATION NUMBER: 60/083559

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APPLICATION NUMBER: 60/083496
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083499

APPLICATION NUMBER: 60/083495

APPLICATION NUMBER: 60/083392

FILING DATE:

1998-04-28

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APPLICATION NUMBER: 60/082796 FILING DATE: 1998-04-23 APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-27 APPLICATION NUMBER: 60/083322

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APPLICATION FILING DATE:

NUMBER: 60/082700

1998-04-22

FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804 FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082704 APPLICATION NUMBER: 60/082569

FILING DATE: 1998-04-22

JR APPLICATION NUMBER: 60/005311
DR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR FILING DATE: 1997-11-13
IOR APPLICATION NUMBER: 60/066364
FOR APPLICATION NUMBER: 60/077450

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DR APPLICATION NUMBER: 60/077450

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PREPLICATION NUMBER: 60/077641

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CURRENT APPLICATION NUMBER: US/09/978,802A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Baker Kevin P
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APPLICATION NUMBER: 60/085579
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Gao, Wei-Qiang
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Botstein, David
Desnoyers, Luc
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Kuo, Sophia S.
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Filvaroff, Ellen
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Margaret Ann
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PRIOR PRIOR PRIOR PRIOR OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080333
OR FILING DATE: 1998-04-01
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OR APPLICATION NUMBER: 60/081070
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OR APPLICATION NUMBER: 60/081817
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APPLICATION NUMBER: 60/079923
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APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/079689 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079663 FILING DATE: 1998-03-27 FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
FILING DATE: 1998-03-26
APPLICATION NUMBER: 60/079664 FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294 APPLICATION NUMBER: 60/078936 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/078910 FILING DATE: 1998-03-1 APPLICATION NUMBER: 60 FILING DATE: 1998-03-7 APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081229 APPLICATION NUMBER: 60/080107 FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080165 APPLICATION NUMBER: 60/079786 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079920 APPLICATION NUMBER: 60/079728 FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/077791 FILING DATE: 1998-03-12 FILING DATE: 1998-03-11 APPLICATION NUMBER: 60/077641 FILING DATE: 1998-03 APPLICATION NUMBER: FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955 FILING DATE: 1998-03-31 FILING DATE: 1998-03-27 APPLICATION NUMBER: FILING DATE: 1998-03 APPLICATION NUMBER: 60/078004 FILING DATE: 1998-03-13 1998-03-10 1998-03-20 1998-03-11 60/078886 60/077649 60/077632

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PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
                                                                                                                                                     Prior Application removed
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
                                                      Query Match
Best Local Similarity
Matches 18; Conserv
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Best Local Similarity
Matches 18; Conserv
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C68
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CURRENT FILING DATE: 2002-03-25
NUMBER OF SEO ID NOS: 624
Prior Application removed - See File Wi
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Hillan, Kenneth J
Kljavin, Ivar J.
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llarity 81.8%;
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APPLICATION NUMBER: 60/083496 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083499

APPLICATION NUMBER: 60/083495 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083392 FILING DATE: 1998-04-29 FILING DATE: 1998-04-28

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083545 FILING DATE: 1998-04-29

APPLICATION NUMBER: 60/083554 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083558

APPLICATION NUMBER: 60/083559

1998-04-29

FILING DATE:

APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-27 APPLICATION NUMBER: 60/083322

FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082796 FILING DATE: 1998-04-23

FILLING DATE: 1998-04-22
APPLICATION NUMBER: 60/082700
FILING DATE: 1998-04-22
APPLICATION NUMBER: 60/082797

APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804

NUMBER: 60/082569 NUMBER: 60/082568 NUMBER: 60/081838

1998-04-21

1998-04-

1998-04-21

OR APPLICATION NUMBER: 60/084598
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084600
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084627
OR FILING DATE: 1998-05-07

APPLICATION NUMBER: 60/084639 FILING DATE: 1998-05-07 APPLICATION NUMBER: 60/084640

FILING DATE:

1998-05-07

APPLICATION | FILING DATE:

NUMBER:

60/084637 60/084441

1998-05-07 1998-05-06

APPLICATION NUMBER: FILING DATE: 1998-05 FILING DATE:

1998-05-06

FILING DATE: 1998-04-30
APPLICATION NUMBER: 60/084366
APPLICATION NUMBER: 60/084414

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083742 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083500

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1998-05-07

60/084643

60/085339

FILING DATE: APPLICATION 1

NUMBER: 60/085323

NUMBER: NUMBER: NUMBER:

60/085338

1998-05-13 1998-05-13

R FILING DATE:
APPLICATION N
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R FILING DATE:
R FILING DATE:

NUMBER:

60/085582

1998-05-13

NUMBER: 60/085689 NUMBER: 60/085700

1998-05-15

1998-05-1998-05-

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Sequence 573, Application US/10167749
Publication No. US20030056137A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Besnoyers, Luc
APPLICANT: Eaton, Dan
                                                                                                                                                                                                                                  RESULT 480
US-10-167-749-573/c
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US-10-017-081A-573/c
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Best Local
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SEQ ID NO 573
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 573, Applic Publication No. US20 GENERAL INFORMATION:
                                                                 APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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                 APPLICANT:
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                        Match 0.3%;
Local Similarity 81.8%;
                                                                                                                                                                                                                                                                                                                                      820 TGGAGGAAGAGGACACAGGCGA 841
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                          Fong, Sherman
Gao, Wei-Qiang
                                                                 Ferrara, Napoleon
Filvaroff, Ellen
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Kuo, Sophia S.
Gerritsen,
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Gerber, Hanspeter
Gerritsen, Mary E
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Kljavin, Ivar J.
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5. US20030049684A1
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Pred. No. 7.3e+02
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GENERAL INFORMATION: APPLICANT: Ashkenaz

Ashkenazi, Avi

APPLICANT: APPLICANT: APPLICANT: APPLICANT:

APPLICANT:

APPLICANT:

Ferrara, Na Filvaroff,

Sherman Napoleon f, Ellen

Eaton, Dan Botstein, David Baker Kevin P.

Desnoyers, Luc

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WESUL1 302
US-10-013-921A-573/c
; Sequence 573, Application US/10013921A
publication No. US20030068648A1
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                              Matches
                                                                                                                                                                                                                              Query Match
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PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/167,749
CURRENT FILING DATE: 2001-10-19
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                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
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FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
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FILING DATE: 1997-11-03
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                                                                                                                                            820 TGGAGGAAGAGGACACAGGCGA 841
                                                                                                                                                                                              18;
                                                                                                                       22
                                                                                                                                                                                                             Similarity
                                                                                                                       TGGAGGAAGGGACGGAGAGA 1
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Stewart, Timothy A.
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Shelton, David L.
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Hillan, Kenneth J
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Pred. No. 7
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0; Mismatches
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APPLICANT: ROY, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANTON Secreted and Transmembran
TITLE OF INVENTION: Secreted and Transmembran
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
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PR APPLICATION NUMBER: 60/078939

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/079294

PR FILING DATE: 1998-03-25

PR APPLICATION NUMBER: 60/079656

PR FILING DATE: 1998-03-26

PR APPLICATION NUMBER: 60/079664

PR APPLICATION NUMBER: 60/079669

PR APPLICATION NUMBER: 60/079689

PR APPLICATION NUMBER: 60/079689

PR FILING DATE: 1998-03-27

PR APPLICATION NUMBER: 60/079663

PR APPLICATION NUMBER: 60/079728

PR APPLICATION NUMBER: 60/079728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DR FILING DATE: 1998-03-11
DR APPLICATION NUMBER: 60/077641
DR FILING DATE: 1998-03-11
DR PELICATION NUMBER: 60/077649
DR APPLICATION NUMBER: 60/077791
DR APPLICATION NUMBER: 60/077791
DR FILING DATE: 1998-03-12
DR APPLICATION NUMBER: 60/078004
DR APPLICATION NUMBER: 60/078004
DR APPLICATION NUMBER: 60/078086
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078936
DR APPLICATION NUMBER: 60/078936
        APPLICATION N
FILING DATE:
APPLICATION N
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FILING DATE:
APPLICATION N
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Gerritsen, Mary E
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Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Godowski, Paul J.
Grimaldi, J. Christopher
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                                                                                                                        NUMBER:
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OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
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OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080194
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
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RESULT 482
US-10-013-929A-573/c
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APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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FILING DATE: 1998-05-06
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
                                                                   Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                    Fong,
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Filvaroff, Ellen
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            OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR FILING DATE: 1998-03-31
OR PILING DATE: 1998-03-31
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OR APPLICATION NUMBER: 60/080194
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DR APPLICATION NUMBER: 60/079689

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DR APPLICATION NUMBER: 60/079663

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DR APPLICATION NUMBER: 60/079728

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FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
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FILING DATE: 2001-07-30
APPLICATION NUMBER: 60/062250
FILING DATE: 1997-10-17
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APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
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FILING DATE: 1997-11-03
APPLICATION NUMBER: 60/065311
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APPLICATION NUMBER: 60/079664
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INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
INVENTION: Acids Encoding the Same
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Kljavin, Ivar J
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RESULT 483
US-10-016-177A-573/c
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Publication No. US2003007313
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Bottein, David
APPLICANT: Desnoyers, Luc
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OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084640
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084600
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/084643
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-07
OR APPLICATION NUMBER: 60/085339
OR FILING DATE: 1998-05-13
OR APPLICATION NUMBER: 60/08532
OR APPLICATION NUMBER: 60/085582
OR APPLICATION NUMBER: 60/085583
OR PILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085590
OR APPLICATION NUMBER: 60/085590
OR APPLICATION NUMBER: 60/085590
OR APPLICATION NUMBER: 60/08580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085697
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                                                                        Goddaro, .... Godowski, Paul J.
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Gurney, Austin L.
Hillan, Kenneth J
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                                                    Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
                                                                                                                                                                                         Gerber, Hanspeter
Gerritsen, Mary E
Goddard, Audrey
                                                                                                                                                                                                                                                     Gao,
                                                                                                                                                                                                                                                                                         Ferrara, Na
Filvaroff,
                  Pan, James;
Paoni, Nicholas
                                                                                                                                                                                                                                                                                                                                 Eaton,
                                                                                                                                                                                                                                                                                                                                                                   Botstein, David
Roy, Margaret
                                                                                                                                                                                                                                                                     Fong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%;
nilarity 81.8%;
Conservative
                                                                                                                                                                                                                                                   Wei-Qiang
                                                                                                                                                                                                                                                                         Sherman
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f, Ellen
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Pred. No. 7
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PRIOR PRIOR

DR APPLICATION NUMBER: 60/083392

OR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083495

DR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083496

DR APPLICATION NUMBER: 60/083499

DR FILING DATE: 1998-04-29

DR APPLICATION NUMBER: 60/083545

DR APPLICATION NUMBER: 60/083599

DR APPLICATION NUMBER: 60/083599

DR APPLICATION NUMBER: 60/083589

DR APPLICATION NUMBER: 60/083589

DR APPLICATION NUMBER: 60/083599

DR APPLICATION NUMBER: 60/083690

DR APPLICATION NUMBER: 60/083742

DR APPLICATION NUMBER: 60/084366

DR APPLICATION NUMBER: 60/08414

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

DR FILING DATE: 1998-04-22

PR APPLICATION NUMBER: 60/082797

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082796

DR FILING DATE: 1998-04-23

DR APPLICATION NUMBER: 60/08336

DR APPLICATION NUMBER: 60/08332

DR APPLICATION NUMBER: 60/08332

DR FILING DATE: 1998-04-28

DR FILING DATE: 1998-04-28

DR FILING DATE: 1998-04-28

PRIOR

FILING DATE: APPLICATION

NUMBER: 60/082700

1998-04-22

PRIOR PRIOR PRIOR PRIOR PRIOR

PILING DATE: 1998-04-15

RAPPLICATION NUMBER: 60/081952

OR FILING DATE: 1998-04-15

OR APPLICATION NUMBER: 60/081838

OR FILING DATE: 1998-04-15

OR APPLICATION NUMBER: 60/082568

OR FILING DATE: 1998-04-21

OR APPLICATION NUMBER: 60/082569

OR FILING DATE: 1998-04-21

OR APPLICATION NUMBER: 60/082704

OR FILING DATE: 1998-04-22

OR APPLICATION NUMBER: 60/082704

OR FILING DATE: 1998-04-22

OR APPLICATION NUMBER: 60/082804

PRIOR PRIOR PRIOR PRIOR PRIOR

DR FILING DATE: 1998-04-08
DR APPLICATION NUMBER: 60/081195
DR APPLICATION NUMBER: 60/081203
DR APPLICATION NUMBER: 60/081203
DR FILING DATE: 1998-04-09
DR FILING DATE: 1998-04-09
DR FILING DATE: 1998-04-09
DR APPLICATION NUMBER: 60/081955
DR FILING DATE: 1998-04-15
DR FILING DATE: 1998-04-15
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081817
DR APPLICATION NUMBER: 60/081817
DR APPLICATION NUMBER: 60/081819

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

OR APPLICATION NUMBER: 60/080334
DR FILING DATE: 1998-04-01
PR APPLICATION NUMBER: 60/081070
PR FILING DATE: 1998-04-08
PR FILING DATE: 1998-04-08
PR FILING DATE: 1998-04-08
PR FILING DATE: 1998-04-08
PR APPLICATION NUMBER: 60/081071

DATE: 1998-04-01

NUMBER: NUMBER:

60/080333 60/080328

1998-04-01

NUMBER: 60/080327 1998-04-01

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FILE REFERENCE: P2630P1C59
CURRENT APPLICATION NUMBER: US/10/166,709A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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US-10-166-709A-573/c
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SEQ ID NO 573
LENGTH: 24

TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-573
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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CURRENT APPLICATION NUMBER: US/10/016,177A
CURRENT FILING DATE: 2002-04-30
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Kljavin, Ivar J.
Kuo, Sophia S.
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Grimaldi, J. Christopher
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Stewart, Timothy A.
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5. US20030104536A1
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llarity 81.8%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hanspeter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Austin L.
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Pred. No. 7.3e+02
0; Mismatches
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OR FILING DATE: 1998-03-26
OR APPLICATION NUMBER: 60/079664
OR APPLICATION NUMBER: 60/079669
OR APPLICATION NUMBER: 60/079669
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079689
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079728
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-30
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR APPLICATION NUMBER: 60/080194
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/080328
OR APPLICATION NUMBER: 60/08033
DR FILING DATE: 1998-04-08

PR APPLICATION NUMBER: 60/081203

PR FILING DATE: 1998-04-09

PR APPLICATION NUMBER: 60/081229

PR FILING DATE: 1998-04-09

PR APPLICATION NUMBER: 60/081955

PR APPLICATION NUMBER: 60/081915

PR APPLICATION NUMBER: 60/081915

PR APPLICATION NUMBER: 60/081917

PR FILING DATE: 1998-04-15

PR FILING DATE: 1998-04-15
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PR APPLICATION NUMBER: 60/078936

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/078910

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/078939

PR FILING DATE: 1998-03-20

PR APPLICATION NUMBER: 60/079294

PR APPLICATION NUMBER: 60/079294

PR FILING DATE: 1998-03-25

PR FILING DATE: 1998-03-25

PR FILING DATE: 1998-03-25
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APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
                                                                                                                                                                                                                              APPLICATION NUMBER: 60/081071 FILING DATE: 1998-04-08 APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/078886
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FILING DATE: 1998-03-12
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RESULT 485
US-10-143-031A-573/c
; Sequence 573, Application US/10143031A
; US20030138439A1
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Hilan, Kenneth J
APPLICANT: Kloy Sophia S.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembran
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC39
CURRENT APPLICATION NUMBER: U9/10/143,031A
CURRENT APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/66226
PRIOR APPLICATION NUMBER: 60/66250
PRIOR APPLICATION NUMBER: 60/66364
PRIOR APPLICATION NUMBER: 60/66364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-11
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Best Local S
Matches 18
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APPLICANT:
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OR APPLICATION NUMBER: 60/085689
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085579
OR FILING DATE: 1998-05-15
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085580
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085673
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085704
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/085697
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Grimaldi,
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Goddard, Audrey
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Gerritsen, Mary E.
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Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Napoleon
f, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Paul J.
J. Christopher
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Pred. No. 7
                                                                                                                                                                                                                                                                                                                                     Transmembrane Polypeptides and Nucleic
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PRIOR PRIOR

FILING DATE:
APPLICATION N
APPLICATION N

NUMBER: 60/085582

1998-05-

1998-05-13

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083500
BR FILING DATE: 1998-04-30
DR PELLING DATE: 1998-04-30
DR PELLING DATE: 1998-05-05
DR FILING DATE: 1998-05-05
DR FILING DATE: 1998-05-05
DR APPLICATION NUMBER: 60/084414
DR FILING DATE: 1998-05-06
DR FILING DATE: 1998-05-06
DR APPLICATION NUMBER: 60/084641
DR PELLING DATE: 1998-05-07
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
DR PILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
DR PILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084640
DR PILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084627
DR APPLICATION NUMBER: 60/084627
DR APPLICATION NUMBER: 60/084633
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/084633
DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/085339
DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085339
DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085339
DR FILING DATE: 1998-05-13
DR APPLICATION NUMBER: 60/085333

PRIOR PRIOR PRIOR

APPLICATION NUMBER: 60/083554 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083558

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083559 PRIOR PRIOR PRIOR

DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083495
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083496
DR FILING DATE: 1998-04-29
DR APPLICATION NUMBER: 60/083499
DR APPLICATION NUMBER: 60/083499
DR APPLICATION NUMBER: 60/083545
DR FILING DATE: 1998-04-29
DR FILING DATE: 1998-04-29
DR FILING DATE: 1998-04-29

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DR FILING DATE: 1998-04-23

R APPLICATION NUMBER: 60/083336

R FILING DATE: 1998-04-27

R APPLICATION NUMBER: 60/083322

DR FILING DATE: 1998-04-28

R APPLICATION NUMBER: 60/083392

PRIOR PRIOR PRIOR PRIOR

APPLICATION NUMBER: 60/082568
FILING DATE: 1998-04-21
APPLICATION NUMBER: 60/082569

APPLICATION N FILING DATE:

NUMBER: 60/081838

1998-04-

NUMBER: 60/081819 : 1998-04-15

NUMBER:

60/081952

1998-04-

FILING DATE: 1998-04-21 APPLICATION NUMBER: 60/082704

DR FILING DATE: 1998-04-22

PR APPLICATION NUMBER: 60/082804

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082700

DR FILING DATE: 1998-04-22

DR APPLICATION NUMBER: 60/082797

DR APPLICATION NUMBER: 60/082797

DR APPLICATION NUMBER: 60/082796

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US-10-143-031A-573
                                                                    PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR REPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
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SEQ ID NO 573
LENGTH: 24
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C33
                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/143,030A CURRENT FILING DATE: 2002-08-27
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APPLICANT: Baker Kevin P
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PRIOR FILING DATE: 1996-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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ORGANISM: Artificial Sequence
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                  APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
                                                        FILING DATE: 1997-11-
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18; Conserv
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
Goddard, Audrey
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Desnoyers, Luc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Kljavin,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sophia S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sherman
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60/077450
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US-10-002-967A-573/c

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P. APPLICANT: Botstein, David

APPLICANT:

Desnoyers, Luc Eaton, Dan Ferrara, Napoleon Sequence 573, Application US/10002967A Publication No. US20030148373A1

RESULT 488

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US-10-188-869-24
                                                                                                                                                                                                                                                                                  APPLICANT: LAVALLIE, EDWARD

APPLICANT: RACIE, LISA

APPLICANT: DIBLASIO, ELIZABETH

APPLICANT: AGOSTINO, MICHAEL

TITLE OF INVENTION: AGGRECANASE MOLECULES

FILE REFERENCE: 08702.0092-00000

CURRENT APPLICATION NUMBER: US/10/188,869

CURRENT FILING DATE: 2002-07-05

PRIOR APPLICATION UNMBER: 60/349,133

PRIOR APPLICATION NUMBER: 60/349,133

PRIOR APPLICATION NUMBER: 60/303,051

PRIOR APPLICATION NUMBER: 60/303,051

PRIOR APPLICATION NUMBER: 60/303,051

PRIOR FILING DATE: 2001-06-05

NUMBER OF SEC 11 NOC. 24
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US-10-143-030A-573
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                                                                                          Query Match
Best Local S
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 24
TYPE: DNA
                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24, Application US/10188869
Publication No. US20030148306A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                                  1945 CAGTCGCCATCCACACGCTCTG 1966
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cal Similarity 81.8%;
18; Conservation
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22 CAGTCTCCGTCCACATGCTCCG 1
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                                                                                                Similarity
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                                                                        0.3%;
ilarity 81.8%;
Conservative
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                                                                                              Score 15.6;
Pred. No. 7
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Pred. No. 7
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                                                                            Mismatches
                                                                                                .3e+02
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                                                                                                                DB 1;
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                                                                                                              Length 24;
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APPLICANT: GOROWEKI, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kojavin, Ivar J.
APPLICANT: Kojavin, Ivar J.
APPLICANT: Kojavin, Ivar J.
APPLICANT: Roy, Sophia S.
APPLICANT: Roy, Margaret Ann
APPLICANT: Pann, James;
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, Williams I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION NUMBER: US/10/002,967A
CURRENT PILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/06311
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077631
PRIOR APPLICATION NUMBER: 60/077631
PRIOR APPLICATION NUMBER: 60/077631
PRIOR APPLICATION NUMBER: 60/077631
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR APPLICATION NUMBER: 60/077641
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                                     PRIOR
   DR APPLICATION NUMBER: 60/078004
DR FILING DATE: 1998-03-13
DATE: 1998-03-20
PR APPLICATION NUMBER: 60/078886
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/078936
DR APPLICATION NUMBER: 60/078939
DR FILING DATE: 1998-03-20
DR APPLICATION NUMBER: 60/079294
DR APPLICATION NUMBER: 60/079294
DR FILING DATE: 1998-03-25
DR FILING DATE: 1998-03-26
DR APPLICATION NUMBER: 60/079656
DR APPLICATION NUMBER: 60/079666
DR FILING DATE: 1998-03-26
DR APPLICATION NUMBER: 60/079669
DR APPLICATION NUMBER: 60/079689
DR APPLICATION NUMBER: 60/079689
DR FILING DATE: 1998-03-27
DR APPLICATION NUMBER: 60/079786
DR APPLICATION NUMBER: 60/079920
DR APPLICATION NUMBER: 60/07920
DR APPLICATION NUMBER: 60/079920
DR APPLICATION NUMBER: 60/079923
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APPLICATION NUMBER: 60/
FILING DATE: 1998-03-12
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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RESULT 489
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APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
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Best Local
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APPLICATION NUMBER: 60/085697
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APPLICATION NUMBER: 60/0
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1 Similarity 81.8%;
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Goddard, A
Godowski,
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Botstein, David
             Gerritsen, Mary E. Goddard, Audrey
                                          Gerber, Hanspeter
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Filvaroff, Ellen
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Pred. No. 7.3e+02;
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1667

CURRENT APPLICATION NUMBER: US/10/017,083A

CURRENT FILING DATE: 2001-10-24
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                                                  Tumas, Daniel Williams, P. Mickey Wood, William I.
                                                                                       Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
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Hillan, Kenneth J
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Stewart, Timothy A.
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Hillan, Kenneth
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b. US20030157615A1
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i, Nicholas F.
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Sophia S.
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f, Ellen
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NUMBER OF SEQ ID N
SEQ ID NO 573
LENGTH: 24
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FILLAG DATE: 1997-10-17
APPLICATION NUMBER: 60/064249
FILING DATE: 1997-11-03
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APPLICATION NUMBER: 60/
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                                                                                                                              Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.
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Botstein, David
Dearconn
Williams, P. Mood, William
                                         Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                                      Paoni,
                                                                                                                  Napier, Mary A.
                                                                                                                                                                                                                  Gerritsen, Mary
Goddard, Audrey
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Filvaroff, Ellen
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5. US20030170254A1
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                                                                                                                                                                                                                                                               Wei-Qiang
                                                                                                       James;
                                                                                                                                                                                                                                                                              Sherman
                                                                                                                                                                                                                                                                                                                        Dan
                Daniel
ms, P. Mickey
                                                                                      Nicholas F
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Pred. No. 7.3e+02
0; Mismatches
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CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
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R FILING DATE:
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                                                                                                                                                         APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
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APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080194
FILING DATE: 1998-03-31
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APPLICATION NUMBER: 60/080105
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080107
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APPLICATION NUMBER: 60/078936
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078910
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FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078004
FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
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FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/081070
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FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079728
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FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079656
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FILING DATE: 1998-04-01
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  NUMBER: 60/081049
: 1998-04-08
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APPLICATION NUMBER: FILING DATE: 1998-04 APPLICATION NUMBER:

1998-04-08

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FILING DATE: 1998-0 APPLICATION NUMBER:

FILING DATE:

1998-04-21 1998-04-15

60/082568

APPLICATION NUMBER: 60/081838

FILING DATE:

APPLICATION NUMBER: 60/081952

1998-04-15

APPLICATION NUMBER: 60/082804 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082704 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082569 FILING DATE: 1998-04-21

APPLICATION NUMBER:

1998-04-22

60/082700

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APPLICATION NUMBER: 60/081229

1998-04-09 1998-04-08

60/081203 60/081195 60/081071

1998-04-

PRIOR PRIOR

APPLICATION NUMBER: FILING DATE: 1998-04

60/081817

APPLICATION NUMBER: 60/081819

1998-04-1 1998-04-

FILING DATE:

APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15

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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Poirt Prints of Invention: Acids Encoding the Same
FILE REPERRNCE: P2630P1C37
CURRENT APPLICATION NUMBER: US/10/143,028A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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US-10-143-028A-573/c
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; GENERAL INFORMAN
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Matches 18
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WARPLICATION NUMBER: 60/084643

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/085339

DR FILING DATE: 1998-05-13

DR APPLICATION NUMBER: 60/085338

DR FILING DATE: 1998-05-13

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APPLICATION NUMBER: 60/085704
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APPLICATION NUMBER: 60/08580
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085573
FILING DATE: 1998-05-15
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085582
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APPLICATION NUMBER: 60/085579
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Baker Kevin P.
Botstein, David
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Gerritsen, Mary E.
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Sophia S.
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APPLICATION NUMBER: FILING DATE: 1998-05 APPLICATION NUMBER: FILING DATE: 1998-05 APPLICATION NUMBER: FILING DATE: 1998-04

60/084414 60/084366 60/083742

60/084441

FILING DATE: 1998-04
APPLICATION NUMBER:
FILING DATE: 1998-04

APPLICATION NUMBER: FILING DATE: 1998-0

APPLICATION

NUMBER: 60/083558

1998-04-29 1998-04-29 APPLICATION NUMBER: 60/083499 FILING DATE: 1998-04-29

FILING DATE: APPLICATION NUMBER:

APPLICATION

NUMBER: 60/083545

1998-04-29 1998-04-29 1998-04-29

60/083554

FILING DATE:

APPLICATION NUMBER: 60/083495 FILING DATE: 1998-04-29

60/083496

APPLICATION NUMBER: 60/083392

LING DATE:

1998-04-29 1998-04-28 1998-04-27 1998-04-23 1998-04-2

APPLICATION NUMBER: 60/083322

FILING DATE:

FILING DATE: APPLICATION NUMBER:

60/083336

APPLICATION NUMBER: 60/082796 APPLICATION NUMBER: 60/082797

FILING DATE:

APPLICATION NUMBER: 60/083500 FILING DATE: 1998-04-29

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APPLICATION NUMBER:

60/084639 60/084637

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APPLICATION NUMBER: 60/084600 FILING DATE: 1998-05-07

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60/084598 60/084640

DATE:

2001-10-19

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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PREMAINING PRIOR Application data removement of SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
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US-10-143-029A-573/c
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Best Local (
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           APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: $2630P1C54
                                                                                                         APPLICANT:
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DR FILING DATE: 1997-11-13
DR FILING DATE: 1997-11-13
DR APPLICATION NUMBER: 60/066364
DR FILING DATE: 1997-11-21
DR APPLICATION NUMBER: 60/077450
DR APPLICATION NUMBER: 60/077450
DR FILING DATE: 1998-03-10
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APPLICATION NUMBER: 60/077641
PILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/064249
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APPLICATION NUMBER:
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                                                                                       Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Gerritsen, Mary E.
Goddard, Audrey
                                                                                                                                 Pan, James;
Paoni, Nicholas F.
                                                                                                                                                            Napier, Mary A.
                                                                                                                                                                                          Kljavin,
                                                                                                                                                                                                    Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Botstein, David
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Sophia S.
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Pred. No. 7
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PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311 PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30 PRIOR APPLICATION NUMBER: 60/062250 PRIOR FILING DATE: 1997-10-17 PRIOR APPLICATION NUMBER: 60/064249 DR APPLICATION NUMBER: 60/081070
DR FILING DATE: 1998-04-08
DR PELING DATE: 1998-04-08
DR FILING DATE: 1998-04-08
DR APPLICATION NUMBER: 60/081071
DR APPLICATION NUMBER: 60/081195
DR APPLICATION NUMBER: 60/081195
DR APPLICATION NUMBER: 60/081195
DR FILING DATE: 1998-04-08 OR FILING DATE: 1998-03-30

R APPLICATION NUMBER: 60/079923

DR FILING DATE: 1998-03-30

OR APPLICATION NUMBER: 60/080105

DR FILING DATE: 1998-03-31

OR FILING DATE: 1998-03-31

OR FILING DATE: 1998-03-31

OR FILING DATE: 1998-03-31

OR FILING DATE: 1998-03-31 OR FILING DATE: 1998-03-31

REAPPLICATION NUMBER: 60/080194

REFILING DATE: 1998-03-31

OR APPLICATION NUMBER: 60/080327

REFILING DATE: 1998-04-01

REPPLICATION NUMBER: 60/080328

REFILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334 FILING DATE: 1998-04-01 FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079728
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079786 APPLICATION NUMBER: 60/079656 FILING DATE: 1998-03-26 APPLICATION NUMBER: 60/079664 FILING DATE: 1998-03-27 FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294 FILING DATE: 1998-03-13
APPLICATION NUMBER: 60/078886
FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/077791 FILING DATE: 1998-03-11 APPLICATION NUMBER: 60/077649 FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641 FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450 FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079920 APPLICATION NUMBER: 60/079689 FILING DATE: 1998-03-27 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/078910 FILING DATE: 1998-03-12 APPLICATION NUMBER: 60/078004 APPLICATION NUMBER: 60/079663 FILING DATE: APPLICATION NUMBER: 60/078936 1998-03-25

PRIOR PRIOR

FILING DATE:

1998-04-15

60/081952

60/081819

APPLICATION NUMBER: 60/081817 FILING DATE: 1998-04-15

1998-04-1998-04-

APPLICATION NUMBER: FILING DATE: 1998-0

60/081955 60/081229

APPLICATION NUMBER: 60/ FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081203 FILING DATE: 1998-04-09

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FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER:

APPLICATION NUMBER: 60/082568

1998-04-1 1998-04-1

APPLICATION NUMBER: 60/081838

FILING DATE:

FILING DATE: 1998-04-

1998-04-2

60/082704 60/082569

PRIOR PRIOR PRIOR

APPLICATION NUMBER: 60/083322

APPLICATION NUMBER: 60/083336 FILING DATE: 1998-04-23 APPLICATION NUMBER: 60/082796 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082797

FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-01
APPLICATION NUMBER:

APPLICATION NUMBER: 60/084598

FILING DATE:

1998-05-07

60/084640 60/084639

APPLICATION NUMBER:

APPLICATION NUMBER: FILING DATE: 1998-0

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60/084627 60/084600

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APPLICATION NUMBER: FILING DATE: 1998-0

1998-05-07

APPLICATION NUMBER: 60/084441 FILING DATE: 1998-05-06

1998-05-06 1998-05-05

60/084414 60/084366

APPLICATION NUMBER:

60/084637

1998-05-07

APPLICATION NUMBER:

APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER:

1998-04-30 1998-04-29 1998-04-29

60/083742

APPLICATION NUMBER: 60/083500

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APPLICATION NUMBER: FILING DATE: 1998-0

60/083559

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083558 FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083545 FILING DATE: 1998-04-29

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60/083499

APPLICATION NUMBER: 60/083554

FILING DATE: 1998-04-29 APPLICATION NUMBER: 60/083496

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60/083495

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APPLICATION NUMBER: 60/082700 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/082804 FILING DATE: 1998-04-22 APPLICATION NUMBER: 60/ FILING DATE: 1998-04-22 APPLICATION NUMBER: FILING DATE: 1998-04

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RESULT 494
US-10-145-089A-573/c
; Sequence 573, Application US/10145089A
; US/10145089A
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FILE REFERENCE: p2630p1C31
CURRENT APPLICATION NUMBER: US/10/145,089A
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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; Publication No.
; GENERAL INFORMAT
; APPLICANT: Ashk
; APPLICANT: Bak
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Matches 18
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
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OR FILING DATE: 1998-05-15
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085697
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J.
Kljavin, Ivar J.
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Baker Kevin P.
Botstein, David
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Gao, Wei-Qiang
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Stewart, Timothy A.
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Pred. No. 7
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; OTHER INFORMATION: Synthetic oligonucleotide
US-10-145-089A-573
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SEQ ID NO 573
LENGTH: 24
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APPLICANT: Ashkenazi, Avi
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Best Local (
             FILE REFERENCE: P2630P1C42
CURRENT APPLICATION NUMBER: US/10/165,067A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
                                                                                         APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-10
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FILING DATE: 1997-11-21
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
Gurney, Austin L.
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                                                                                                                                                                                                                                                                                Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                      Wei-Qiang
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                                                                                                                                                                                                                                  Nicholas F
                                                                                                                                                                                                                                                                Mary A.
                                                                                                                                                                                                                                                                                                   Ivar J.
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60/062250
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Pred. No. 7.3e+02;
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
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Best Local S
Matches 18
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Publication No
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           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C32 CURRENT APPLICATION NUMBER: US/10/145,017A
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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PRIOR APPLICATION NUMBER: 60/064249
CURRENT FILING DATE:
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AFFLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
AFFLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J.
Kljavin, Ivar J.
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                                                                             Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Ef, Ellen
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Pred. No. 7.3e+02
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RESULT 497
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Matches
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PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
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    APPLICANT: Williams
APPLICANT: Wood, Wi:
TITLE OF INVENTION: 9
TITLE OF INVENTION:
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APPLICANT: Baker Kevin P
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FILING DATE: 1997-11-13
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FILING DATE: 1997-11-21
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18; Conserv
                             Tumas, Daniel
Williams, P. Mickey
Wood, William I.
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Gerritsen, Mary E.
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Filvaroff, Ellen
                                                                          Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Kuo, Sophia S.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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                                                                                                                         Paoni,
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Secreted and Transmembrane Polypeptides Acids Encoding the Same
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CURRENT APPLICATION NUMBER: US/10/164,728A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR PRIOR PAPPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR PPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
                                                                                                         Matches
                                                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION UNMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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                                                                                                                                      Local
                                  820 TGGAGGAAGAGGACACAGGCGA 841
                                                                                              0.3%;
al Similarity 81.8%;
18; Conservation
22
TGGAGGAAGGGACGGAGGAGA 1
                                                                                                         0; Mismatches
                                                                                                                                   Score 15.6; DB 1;
Pred. No. 7.3e+02;
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                                                                                                                                                                Length 24;
                                                                                                            Indels
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RESULT 498 US-10-013-926A-573/c Sequence 573, A Publication No. GENERAL INFO APPLICANT: APPLICANT:
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J.
Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A. Ashkenazi, Avi Shelton, David L. Stewart, Timothy A. Roy, Gerritsen, Mary E. Filvaroff, Botstein, David Paoni, Goddard Fong, Ferrara, Desnoyers, Baker Kevin P. Application US/10013926A o. US20030187241A1 James; Margaret Ann Wei-Qiang Sherman Nicholas F Audrey Napoleon f, Ellen

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RESULT 499
US-10-165-247A-573/c
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PRIOR FILING DATE: 2001-07-30
PRIOR PPLICATION NUMBER: 60/062250
PRIOR PILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
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Matches 18
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                              APPLICANT:
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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ORGANISM: Artificial Sequence
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les 18; Conserv
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                                                                      Kljavin, Ivar J.
Kuo, Sophia S.
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Roy, Margaret Ann
Shelton, David L.
                                                         Napier, Mary A.
                                                                                                      Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                      Goddard
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                                                                                                                                                                                                                                                                                                           Baker Kevin P.
Botstein, David
                            Paoni,
                                            Pan, James;
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ilarity 81.8%;
Conservative
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                              Nicholas F
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                                                                                                                                                                    , Audrey
                                                                                                                                                                                                 Hanspeter
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Pred. No. 7.3e+02;
0; Mismatches 4;
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Best Local (
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TYPE: DNA
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              Kljavin, Ivar J.
Kuo, Sophia S.
Napier, Mary A.
 Pan, James;
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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napole
APPLICANT: Ferrara, Napole
APPLICANT: Filvaroff, Elle
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-573
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US-10-145-124A-573/c
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/064249
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Williams, P. Mickey
Gurney, Austin L.
Hillan, Kenneth J
                                               Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                  Gerritsen, Mary E.
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                                                                                            Goddard, Audrey
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5. US20030190701A1
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Ef, Ellen
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Pred. No. 7.3e+02
0; Mismatches
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US-10-145-124A-573
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PRIOR FILING DATE: 1997-11-03
PRIOR PPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PLING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
                                                                                                                                                                                                                                                                                                                                               Sequence 573, Applic Publication No. US20 GENERAL INFORMATION:
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SEQ ID NO 573
LENGTH: 24
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Best Local Similarity
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APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
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CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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Goddard, Audrey
Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
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Botstein, David
Desnoyers, Luc
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Gerber, Hanspeter
Gerritsen, Mary E.
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Filvaroff, Ellen
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Shelton, David L.
Stewart, Timothy A.
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Williams, P. Mickey
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o. US20030190703A1
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Pred. No. 7.3e
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RESULT 502
US-10-117-109-25/c
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                                                                                                                                   Sequence 25, Application US/10117109
Publication No. U320030191056A1
GENERAL INFORMATION:
APPLICANT: Amgen Inc.
APPLICANT: Walker, Kenneth
APPLICANT: Xiong, Fei
TITLE OF INVENTION: Use of Transthyretin Peptide/Protein
FILE REFERENCE: A.813
FILE REFERENCE: A.813
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
SOFTWARE: PatentIn version 3.0
SEQ ID NO 25
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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APPLICANT:
APPLICANT:
                                                                             NUMBER OF SEQ ID NOS: 42
                                                                                                  CURRENT APPLICATION NUMBER: US/10/117,109
CURRENT FILING DATE: 2002-04-04
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH: 24
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OR APPLICATION NUMBER: 09/918585
OR FILING DATE: 2001-07-30
OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064249
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/066364
OR APPLICATION NUMBER: 60/066364
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-21
OR FILING DATE: 1997-11-21
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FILING DATE: 1998-03-11
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Wood, William
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Stewart, Timothy A.
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Pred. No. 7.3e
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ORGANISM: Homo sapiens -10-117-109-25

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FILE REFERENCE: A-813
FILE REFERENCE: A-813
CURRENT APPLICATION NUMBER: US/10/117,109
CURRENT FILING DATE: 2002-04-04
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-117-109-26
                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-145-087A-573/c ; Sequence 573, Application US/10145087A ; Publication No. US20030194410A1
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US-10-117-109-26
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 81.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT:
APPLICANT:
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APPLICANT: Walker, Kenneth
APPLICANT: Xiong, Fei
TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions
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                                                                        Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                                                                       Paoni,
                                                                                                                                                 Napier, Mary A.
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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                                                                                                                                                                 Sophia S.
                                                                                                                                                                                                                                                                                                   Wei-Qiang
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                                                                                                                       Nicholas F.
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Pred. No. 7.3e+02;
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Pred. No. 7.
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PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 66/077632
PRIOR APPLICATION NUMBER: 66/077632
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-
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Matches
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CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 00/062250
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PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/066364
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22 TGGAGGAAGGGGACGGAGA 1
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                                                                                                                                                                                                                                                            0.3%;
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Pred. No. 7
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US-10-017-086A-573/c RESULT 505 GENERAL INFORMATION: Sequence 573, A Publication No. APPLICANT: APPLICANT: APPLICANT: APPLICANT:
APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P. APPLICANT: Botstein, Davi APPLICANT: Desnoyers, Luc APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: Fong, buck Gao, Wei-Qiang Williams, P. Mickey Roy, Margaret Ann Shelton, David L. Stewart, Timothy A. Gurney, Austin L. Hillan, Kenneth J Grimaldi, J. C Goddard, Audrey Gerritsen, Mary E. Gerber, Hanspeter Filvaroff, Tumas, Daniel Paoni, Nicholas F. Napier, Mary A. Kuo, Eaton, Dan Botstein, David Cljavin, Application US/10017086A 5. US20030194744A1 avin, Ivar J., Sophia S. James; Napoleon J. Christopher Ellen

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CURRENT APPLICATION NUMBER: US/10/017,086A

CURRENT FILING DATE: 2002-04-30

Prior Application removed - See File Wrapper or NUMBER OF SEQ ID NOS: 624

SEQ ID NO 573

LENGTH: 24
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                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/164,829A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
                                                                                                                                                                                                                       APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C28
                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                             PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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                                               PRIOR FILING DATE: 1997-11-13
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                APPLICATION NUMBER: 60/066364 FILING DATE: 1997-11-21
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Botstein, David
Desnoyers, Luc
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Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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o. US20030194780A1
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Sophia S.
NUMBER: 60/077450
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Pred. No. 7.
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APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C36
CURRENT APPLICATION NUMBER: US/10/164,929A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 00/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/06311
PRIOR APPLICATION NUMBER: 60/06311
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US-10-164-929A-573/c
US-normence 573, Application US/10164929A
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US-10-164-829A-573
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR PRILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
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SEQ ID NO 573
LENGTH: 24
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Hest Local Similarity 81.8%;
Matches 18; Conservation
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Pred. No. 7
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US-10-407-078-26
Sequence 26, Application US/10407078
Publication No. US20030195154A1
GENERAL INFORMATION:
APPLICANT: Walker, Kenneth
APPLICANT: Winds, Fei
TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the
FILE REFERENCE: A-813A
CURRENT APPLICATION UMBER: US/10/407,078
CURRENT FILING DATE: 2003-04-03
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; ORGANISM: Homo sapiens
US-10-407-078-25
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Publication No. US20030195154A1

GENERAL INFORMATION:

APPLICANT: Walker, Kenneth
APPLICANT: Xiong, Fei
TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the
FILE REFERENCE: A-813A
CURRENT APPLICATION NUMBER: US/10/407,078
CURRENT FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: A-813
PRIOR FILING DATE: 2002-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn version 3.1
SEQ ID NO 25
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Best Local S
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
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PRIOR APPLICATION NUMBER: A-813
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
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Conservative
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Pred. No. 7.3e+02;
0; Mismatches 4
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Pred. No. 7.3e
0; Mismatches
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APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C81
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/91858
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06364
PRIOR APPLICATION NUMBER: 60/066364
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-407-078-26
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SOFTWARE: Patr
; SEQ ID NO 26
; FNGTH: 24
          PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR TILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn version 3.1
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APPLICANT:
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APPLICANT: Baker Kevin P
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APPLICATION NUMBER: 60/077649
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Williams, P. Mickey
Wood, William I.
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Stewart, Timothy A.
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Hillan, Kenneth J
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Filvaroff,
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85704	855/3	0	85580	87579	) 1 1	85689	85700	, ! !	85582		85323	,	2 2	85339	1	84643		84627	00000		84598		84640	9	01278	84637		084441	084414	`	084366	·	083743	083500	- 1	083559	083558		083554	083545	,	083499	1	2	83495	- 1	083392	183322	3	83336	06/20	3	82797	182/00	3	82804

PRIOR

FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/079923
DR FILING DATE: 1998-03-30
DR APPLICATION NUMBER: 60/080105
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/80107
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/80165
DR FILING DATE: 1998-03-31
DR APPLICATION NUMBER: 60/080194
DR APPLICATION NUMBER: 60/080194
DR APPLICATION NUMBER: 60/080194
DR APPLICATION NUMBER: 60/080194

DR FILING DATE: 1998-03-27

OR APPLICATION NUMBER: 60/079663

OR FILING DATE: 1998-03-27

OR APPLICATION NUMBER: 60/079728

OR FILING DATE: 1998-03-27

OR APPLICATION NUMBER: 60/079786

OR APPLICATION NUMBER: 60/079780

OR APPLICATION NUMBER: 60/079780

OR APPLICATION NUMBER: 60/079920

OR FILING DATE: 1998-03-30

OR FILING DATE: 1998-03-30

OR APPLICATION NUMBER: 60/078939

RE FILLING DATE: 1998-03-20

OR APPLICATION NUMBER: 60/079294

OR APPLICATION NUMBER: 60/079656

OR APPLICATION NUMBER: 60/079664

OR APPLICATION NUMBER: 60/079664

FILING DATE: 1998-03-27 APPLICATION NUMBER: 60/079689 APPLICATION NUMBER: 60/078936 FILING DATE: 1998-03-20 APPLICATION NUMBER: 60/078910 FILING DATE: 1998-03-20

FILING DATE: 1998-03-

1998-03-12 UMBER: 60/ 1998-03-13

60/077791 3-12 60/078004 3-13 60/078886

NUMBER:

OR APPLICATION NUMBER: 60/081817
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081838
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/082568
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21

OR FILING DATE: 1998-04-08

RAPPLICATION NUMBER: 60/081071

DR FILING DATE: 1998-04-08

OR APPLICATION NUMBER: 60/081195

DR FILING DATE: 1998-04-08

DR APPLICATION NUMBER: 60/081203

PR FILING DATE: 1998-04-09

OR FILING DATE: 1998-04-09

APPLICATION NUMBER: 60/081229 FILING DATE: 1998-04-09 APPLICATION NUMBER: 60/081955 FILING DATE: 1998-04-15 DR APPLICATION NUMBER: 60/080333

DR FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/080334

DR FILING DATE: 1998-04-01

DR APPLICATION NUMBER: 60/081070

DR FILING DATE: 1998-04-08

DR APPLICATION NUMBER: 60/081049

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CURRENT APPLICATION NUMBER: US/10/020,445A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/91898
PRIOR FILING DATE: 2001-07-30
PRIOR PILING DATE: 2001-07-30
PRIOR PILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06531
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07763
PRIOR PILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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PRIOR PILING DATE: 1998-03-11
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R APPLICATION N
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Gao, Wei-Qiang
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Wood, William
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Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
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5. US20030198994A1
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                                                                                           NUMBER: 60/078004: 1998-03-13
                                                                   NUMBER: 60/078886
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ms, P. Mickey
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                                         1998-03-20
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Pred. No. 7.
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DR FILING DATE: 1998-04-08
DR APPLICATION NUMBER: 60/081203
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DR APPLICATION NUMBER: 60/081817
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DR APPLICATION NUMBER: 60/081819
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081952
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/081952
DR FILING DATE: 1998-04-15
DR APPLICATION NUMBER: 60/082568
DR FILING DATE: 1998-04-21
DR APPLICATION NUMBER: 60/082569
DR FILING DATE: 1998-04-22
DR APPLICATION NUMBER: 60/082700
DR APPLICATION NUMBER: 60/082707

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OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079728
OR APPLICATION NUMBER: 60/079786
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/079920
OR APPLICATION NUMBER: 60/080105
OR APPLICATION NUMBER: 60/080105
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080107
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/080327
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080328
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080338
OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/080334
OR FILING DATE: 1998-04-01
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RAPPLICATION NUMBER: 60/081049

DR FILING DATE: 1998-04-08

DR APPLICATION NUMBER: 60/081071

DR FILING DATE: 1998-04-08

DR APPLICATION NUMBER: 60/081195
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APPLICATION NUMBER: 60/079663
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APPLICATION NUMBER: 60/079664
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/079689
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APPLICATION NUMBER: FILING DATE: 1998-04

APPLICATION NUMBER:

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                             Query Match
Best Local S
                     Matches
                                                               APPLICATION NUMBER: 60/085697
 820 TGGAGGAAGAGACACAGGCGA 841
                    ch 0.3%;
1 Similarity 81.8%;
18; Conservative
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                             Score 15.6; DB 1;
Pred. No. 7.3e+02;
                   Mismatches
                                       Length 24;
                     Indels
                    ٥,
                    Gaps
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Query Match Best Local Similarity

0.3%;

Pred. No. 7.3e+02;

Length 24;

APPLICATION NUMBER: 60/085704 FILING DATE: 1998-05-15

FILING DATE: APPLICATION NUMBER: FILING DATE:

1998-05-15

60/085573

APPLICATION NUMBER: 60/085580

1998-05-1 1998-05-15 1998-05-

FILING DATE:

APPLICATION NUMBER: 60/085579

APPLICATION NUMBER: 60/085689

FILING DATE:

APPLICATION NUMBER: 60/085582 APPLICATION NUMBER: 60/085323

NUMBER:

60/085700

1998-05-1998-05-1998-05-13

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RESULT 512
US-10-013-924A-573/c
; Sequence 573, Application US/10013924A
; US20030199021A1
                                                  PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION:
US-10-013-924A-573
                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ROY, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Shelton, David L.
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C76
CURRENT APPLICATION NUMBER: US/10/013,924A
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06220
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-13
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                                                                                                                                                                                          APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
                                                                                                                                                                                                                                                                                         FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/077450
FILING DATE: 1998-03-10
APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
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Gao, Wei-Qiang
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Botstein, David
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Goddard, Audrey
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Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     James;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nicholas F.
                    Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ivar J.
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J. Christopher
                                                                                                                                                        data removed - See File Wrapper or PALM
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                      probe
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APPLICATION NUMBER: 60/083559
FILING DATE: 1998-04-29
APPLICATION NUMBER: 60/083500

APPLICATION NUMBER: 60/084366

1998-05-05 1998-04-30

APPLICATION NUMBER: 60/083742

1998-04-29

APPLICATION NUMBER: 60/084414

APPLICATION NUMBER:

60/084637

LING DATE LING DATE

NUMBER: 60/084441

APPLICATION

APPLICATION

NUMBER:

1998-05-07

60/084598

NUMBER: 60/084600 1998-05-07

NUMBER: 60/084643

1998-05-07

NUMBER: 60/084627

1998-05-07

NUMBER: 60/085338

1998-05-13

NUMBER:

60/085339

1998-05-1

APPLICATION NUMBER:

NUMBER: 60/084640 NUMBER: 60/084639

1998-05-07 1998-05-07 1998-05-06 1998-05-06

1998-05-07

FILING DATE:

1998-04-29

FILING DATE

APPLICATION NUMBER: 60/083558 APPLICATION NUMBER: 60/083554

1998-04-

FILING DATE: APPLICATION

NUMBER: 60/083545

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APPLICATION NUMBER: 60/083499

FILING DATE:

APPLICATION NUMBER:

60/083496

FILING DATE:

NUMBER: 60/083495

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1998-04-29

APPLICATION NUMBER: 60/083392

APPLICATION NUMBER: 60/083322

1998-04-27 1998-04-

60/083336 60/082796

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US-10-145-016A-573/c
; Sequence 573, Application US/10145016A
; Publication No. US20030203433A1
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                  GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
                                                                                                                                                                                                                                                                                                        Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 573
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
                                                                                                                                                                                                                                                                                      Matches
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-10-017-084A-573/c
Sequence 573, Application US/10017084A
50-011cation No. US20030203402A1
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/017,084A
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prior application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
     APPLICANT:
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                                                                                                                                                                                                                                                                                      Local Similarity
les 18; Conserv
                                                                                                                                                                                                                                                   820 TGGAGGAAGAGGACACAGGCGA 841
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                                                                                                                   TGGAGGAAGGGGACGAGGAGA 1
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Williams, P. Mickey
Wood, William I.
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Shelton, David L.
Stewart, Timothy A.
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Kuo, Sophia S.
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Botstein, David
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nilarity 81.8%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dan
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                                                                                                                                                                                                                                                                                       0,
                                                                                                                                                                                                                                                                                                      Score 15.6; DB 1;
Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                       Mismatches
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                                                                                                                                                                                                                                                                                                                          DB 1;
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RESULT 515
US-10-145-088A-573/c
US-10-145-088A-573/c
; Sequence 573, Application US/10145088A
; Publication No. US20030203434A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
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SEQ ID NO 573
LENGTH: 24
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Best Local Similarity
Matches 18; Conserv
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CURRENT APPLICATION NUMBER: US/10/145,016A

CURRENT FILING DATE: 2001-10-18

FRIOR APPLICATION NUMBER: 09/18585

PRIOR FILING DATE: 2001-07-30

PRIOR FILING DATE: 1907-10-17

PRIOR APPLICATION NUMBER: 60/062250

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR ETITING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                 820 TGGAGGAAGAGGACACAGGCGA 841
                                                                                                                                                                22 TGGAGGAAGGGACGAGAGA 1
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Grimaldi,
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Filvaroff, Ellen
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Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
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81.8%; Pred. No. 7.3e+02
tive 0; Mismatches
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RESULT 516
US-10-145-092A-573/c
; Sequence 573, Application US/10145092A
; Publication No. US20030203435A1
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CURRENT APPLICATION NUMBER: US/10/145,088A

CURRENT FILING DATE: 2002-10-10

PRIOR APPLICATION NUMBER: 09/9.1858

PRIOR FILING DATE: 2001-07-30

PRIOR PPLICATION NUMBER: 60/062250

PRIOR PILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR PILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/065311

PRIOR PILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/06364

PRIOR APPLICATION NUMBER: 60/066364

PRIOR APPLICATION NUMBER: 60/077450

PRIOR APPLICATION NUMBER: 60/077450

PRIOR APPLICATION NUMBER: 60/077450

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR FILING DATE: 1998-03-10
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                                                                                                                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed - See File Wrapper or NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Synthetic oligonucleotide probe
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                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077649
FILING DATE: 1998-03-11
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FILING DATE: 1998-03-12
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                                                                                                                                                    820 TGGAGGAAGAGGACACAGGCGA 841
                                                                                                                                                                                                              l Similarity
18; Conser
                                                                                                                               TGGAGGAAGGGACGAGA 1
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Shelton, David L.
Stewart, Timothy A.
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Gao, Wei-Qiang
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Grimaldi, J. Christopher
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Goddard, Audrey
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, Sophia S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/077791
                                                                                                                                                                                                                               Score 15.6; DB 1;
Pred. No. 7.3e+02;
                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                                  Length 24;
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-145-092A-573
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
                                                                 Query Match
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/077649
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APPLICATION NUMBER: 60/077641
FILING DATE: 1998-03-11
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820 TGGAGGAAGAGGACACAGGCGA 841
                                   l Similarity
18; Conserv
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Baker Kevin P.
Botstein, David
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Shelton, David L.
Stewart, Timothy A.
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Gurney, Austin L.
Hillan, Kenneth J
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Kuo, Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Godowski, Paul
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                                   Conservative
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f, Ellen
                                                 0.3%;
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                                 Score 15.6; D
Pred. No. 7.3e
0; Mismatches
                                                 .3e+02;
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                                                                   DB 1; Length 24;
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US-10-145-129A-573/c

Sequence 573, Appropriate Publication No.

Application US/10145129A o. US20030203436A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

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                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-129A-573
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR FILING DATE: 1997-11-13
                                                            Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                          SEQ ID NO 573
LENGTH: 24
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APPLICANT:
APPLICANT:
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/145,129A CURRENT FILING DATE: 2002-10-10
                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/077791
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                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/077632
FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077641
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                     820 TGGAGGAAGAGGACACAGGCGA 841
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TGGAGGAAGGGACGGAGGAGA 1
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Shelton, David L.
Stewart, Timothy A.
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Kuo, Sophia S.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Napier, Mary A.
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                                                                       Conservative
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                                                                                       0.3%;
                                                                0,
                                                                                       Score 15.6; DB 1;
Pred. No. 7.3e+02;
                                                                       Mismatches
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                                                                                                          DB 1;
                                                                                                        Length 24;
                                                                       Indels
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; OTHER INFORMATION: Synthetic oligonucleotide US-10-165-038A-573
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US-10-165-038A-573/c
                                                                                                                                              SEQ ID NO 573
LENGTH: 24
TYPE: DNA
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               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/165,038A CURRENT FILING DATE: 2002-10-10 PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30 PRIOR APPLICATION NUMBER: 60/062250 PRIOR APPLICATION NUMBER: 60/064249 PRIOR APPLICATION NUMBER: 60/064249
                                                                                                                                                                                                 PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
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PRIOR APPLICATION NUMBER: 60/077791
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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PRIOR APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P5630F1C29
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                                                                                                          FEATURE:
                                                                                                                             ORGANISM: Artificial Sequence
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Stewart, Timothy A.
Tumas, Daniel
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Grimaldi,
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Desnoyers, Luc
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Gerritsen, Mary E.
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Filvaroff, Ellen
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o. US20030203441A1
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 Conservative
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Sophia S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       J. Christopher
                 81.8%;
0
Score 15.6; DB 1
Pred. No. 7.3e+02
0; Mismatches
                                                                                                                                                                                                                      See File Wrapper or PALM
                                     DB 1;
                                                                                         probe
                                    Length
   Indels
 0,
 Gaps
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TGGAGGAAGAGGACACAGGCGA 841 TGGAGGAAGGGACGAGAGA 1

Matches

18;

Conservative

0;

Pred. No. 7.3e+02; 0; Mismatches 4

Indels

<u>.</u>

Gaps

0

81.8%;

820 TGGAGGAAGAGGACACAGGCGA 841

Best Local Similarity

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RESULT 519
US-10-165-353A-573/c
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-353A-573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/165,353A CURRENT FILING DATE: 2002-10-10 PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 2001-07-30 PRIOR APPLICATION NUMBER: 60/662250 PRIOR APPLICATION NUMBER: 60/662250 PRIOR PILING DATE: 1997-10-17 PRIOR PILING DATE: 1997-10-17 PRIOR PILING DATE: 1997-11-03 PRIOR FILING DATE: 1997-11-03
                                                                                                   Remaining Prior Application NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 573, A Publication No.
                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C40
                                                                                                                                                                                PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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APPLICANT: Baker Kevin P
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                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PPLICANT:
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                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/077649
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
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Gerritsen, Mary E.
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Hillan, Kenneth J
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                                                                                                                                                               Application data removed - See File Wrapper or PALM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sophia S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ivar J.
                                                                                                                                                                                                                                                                                                                                                                    60/077450
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Query Match

0.3%;

Score 15.6;

DB 1;

Length 24;

LENGTH: 24 TYPE: DNA

ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Synthetic oligonucleotide probe

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APPLICANT: Tunnas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
ITILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC35
CURRENT APPLICATION UNMERR: US/10/167,600
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 60/06250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
PRIOR FILING DATE: 1998-03-10
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US-10-167-600-573/c
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Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 624 SEQ ID NO 573
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Publication No
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APPLICANT:
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                                                             PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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FILING DATE: 1998-03-11
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Baker Kevin P.
Botstein, David
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Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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Grimaldi, J. Christopher
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Goddard, Audrey
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b. US20030203443A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Margaret
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Napoleon
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RESULT 521
US-10-170-481A-573/c
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Remaining Prior A
NUMBER OF SEQ ID
SEQ ID NO 573
LENGTH: 24
                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/170,481A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-10-17
PRIOR PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-10-03
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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Publication
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APPLICANT:
APPLICANT:
                                                                     PRIOR FILING DATE: 1998-03-12
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                                                                              FILING DATE: 1998-03-11
APPLICATION NUMBER: 60/077791
                                                                                                                                    APPLICATION NUMBER: 60/077641 FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/065311 FILING DATE: 1997-11-13
                                                                                                                    APPLICATION NUMBER: 60/077649
                                                                                                                                                                                    APPLICATION NUMBER: 60/077632
                                                                                                                                                                                                                    APPLICATION NUMBER: 60/077450
                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
                                                                                                                                                                     FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 573,
1 No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22 TGGAGGAAGGGACGGAGGAGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Williams, P. Mickey Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Fong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kljavin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gurney, Austin L.
Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gerritsen, Mary
Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gerber, Hanspeter
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Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eaton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Baker Kevin P.
Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Napier, Mary A.
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D. US20030203444A1
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                                  Application data removed NOS: 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             James;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sherman
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                                                                                                                                                                                                      1998-03-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Daniel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mary E.
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Pred. No. 7.
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                                                  See File Wrapper or PALM.
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US-10-172-039A-573/c
                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/065311
PRIOR EILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
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APPLICANT: Ashkenazi, Avi
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE OF INVENTION: Acids Encoding the Same CURRENT APPLICATION NUMBER: US/10/172,039A CURRENT FILING DATE: 2002-10-10 PRIOR APPLICATION NUMBER: 09/918585 PRIOR APPLICATION NUMBER: 09/918585 PRIOR FILING DATE: 1997-10-17 PRIOR APPLICATION NUMBER: 60/062250 PRIOR APPLICATION NUMBER: 60/064249 PRIOR PILING DATE: 1997-10-17 PRIOR APPLICATION NUMBER: 60/064249 PRIOR FILING DATE: 1997-11-03 PRIOR FILING
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APPLICANT:
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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                        PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
                                                                                      PRIOR APPLICATION NUMBER: 60
PRIOR FILING DATE: 1998-03-1
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Williams, P. Mickey
Wood, William I.
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Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Desnoyers, Luc
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o. US20030203445A1
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Application
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wei-Qiang
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Hanspeter
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                                                                                                                      60/077649
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data removed -
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Pred. No. 7.
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See File Wrapper or PALM
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SEQ ID

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FILE REFERENCE: P2630PLC52

CURRENT APPLICATION NUMBER: US/10/210,028

CURRENT FILING DATE: 2001-10-18

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR FILING DATE: 1997-11-03

PRIOR FILING DATE: 1997-11-13

PRIOR FILING DATE: 1997-11-13

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

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US-10-210-028-573/c
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LENGTH: 24
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL
                                                                PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
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APPLICANT: Baker Kevin P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
              APPLICATION NUMBER: 60/077649 FILING DATE: 1998-03-11
                                               FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          820 TGGAGGAAGAGGACACAGGCGA 841
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                                                                                                                                                                                                                                                                                                                                                                                                                       Tumas, Daniel Williams, P. Mickey Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Filvaroff, Ellen
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Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Paoni,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pan, James;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Hillan, Kenneth J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gerritsen, Mary E.
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o. US20030203446A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sophia S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Wei-Qiang
NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.3%;
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Pred. No. 7.3e+02
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US-10-017-085A-573/c
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                                                                                                       ; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-017-085A-573
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Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
                                                                                                                                                                               Prior Application removed - File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
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Publication N
                                               Matches
                                                          Query Match
Best Local Similarity
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Best Local
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APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C73
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/017,085A CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Synthetic oligonucleotide probe
820 TGGAGGAAGAGGACACAGGCGA 841
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18;
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Similarity 81.8%;
                                                                                                                                                                                                                                                                                                                                                        Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Hillan, Kenneth J
Kljavin, Ivar J.
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D. US20030204055A1
                                               Conservative
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                                                          0.3%;
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                                              Score 15.6; DB 1; Length 24; Pred. No. 7.3e+02; O; Mismatches 4; Indels
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Pred. No. 7.3e+02
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TGGAGGAAGGGGACGAGAGA 1

US-10-013-916A-573/c

RESULT 525

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                                                                                                                                                                                            US-10-143-026B-573/c
                                                                                                                                                                                                             RESULT 526
                                                                                                                                                GENERAL INFORMATION
                                                                                                                                                                Sequence 573, Appublication No.
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 573, Appropriate Publication No.
                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                  APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REPERENCE: P263091C79
CURRENT APPLICATION NUMBER: US/10/013,916A
CURRENT FILING DATE: 2002-04-30
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                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 24
                                                                                                                                                                                                                                                                                     820
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Fong, Site-
Gao, Wei-Qiang
                                                                                                                                                                                                                                                         TGGAGGAAGGGACGGAGGAGA 1
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                            Ferrara, Napoleon
Filvaroff, Ellen
Fong, Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
                                                                      Eaton, Dan
                                                                                      Desnoyers, Luc
                                                                                                    Baker Kevin P.
Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Paoni,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eaton,
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Botstein, David
                                                                                                                                                              Application US/10143026B o. US20030207803A1
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ilarity 81.8%;
Conservative
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                                                                                                                                                                                                                                                                                                                   <u>.</u>
                                                                                                                                                                                                                                                                                                                  Score 15.6; DB 1;
Pred. No. 7.3e+02;
0; Mismatches 4
                                                                                                                                                                                                                                                                                                                                              DB 1; Length 24;
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RESULT 527 US-10-013-918A-573/c

Sequence 573, Application US/10013918A Publication No. US20030211091A1 GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi APPLICANT: Baker Kevin P.

APPLICANT:

Botstein, David Desnoyers, Luc Eaton, Dan

APPLICANT:

Ferrara, Napoleon

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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2630P1C58
CURRENT APPLICATION UNUMBER: US/10/143,026B
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION UNUMBER: 09/918585
PRIOR FILING DATE: 09/918585
PRIOR FILING DATE: 09/918585
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1998-03-10
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                                                                                                                                                                  ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026B-573
                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
                                                                                                 Query Match
Best Local :
                                                                                  Matches
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
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                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                      LENGTH: 24
                                      820 TGGAGGAAGAGGACACAGGCGA 841
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                                                                                                 o.3%;
Similarity 81.8%;
TGGAGGAAGGGGACGGAGGAGA 1
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Kuo, Sophia S.
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Grimaldi, J. Christopher
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Hillan, Kenneth J
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Goddard, Audrey
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Stewart, Timothy A.
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                                                                                  Conservative
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                                                                                                   Score 15.6; DB 1; Pred. No. 7.3e+02;
                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                  See File Wrapper or PALM
                                                                                                                       Length 24;
                                                                                  Indels
                                                                                  0
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PPLICANT: APPLICANT:

PPLICANT:

Filvaroff, Ellen

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CURRENT APPLICATION NUMBER: US/10/013,918A
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION UNMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR PLING DATE: 1997-10-17
PRIOR PLING DATE: 1997-11-03
PRIOR PLING DATE: 1997-11-03
PRIOR PLING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066369
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-10
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PRIOR PILING DATE: 1998-03-10
                                     PRIOR
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APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT:
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R APPLICATION NUMBER: (R APPLICATION NUMBER: (R FILING DATE: 1998-03-
                                 PILING DATE: 1998-0
APPLICATION NUMBER:
FILING DATE: 1998-0
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FILING DATE: 1998-03-26
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FILING DATE: 1998-03-25
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FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/078939
FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/078936
FILING DATE: 1998-03-20
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APPLICATION NUMBER: 60/
FILING DATE: 1998-03-30
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Gurney Venneth J
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Kuo, Sophia S.
Napier, Mary A.
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Shelton, David L.
Stewart, Timothy A.
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Goddard, Audrey
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                                   1998-03-27
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                   60/079920
                                                     60/079786
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PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR OR APPLICATION NUMBER: 60/082704
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082804
OR FILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082700
OR PILING DATE: 1998-04-22
OR APPLICATION NUMBER: 60/082797
OR APPLICATION NUMBER: 60/082797
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/082336
OR FILING DATE: 1998-04-23
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083322
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083495
OR APPLICATION NUMBER: 60/083496
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083496
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OR APPLICATION NUMBER: 60/083545
OR APPLICATION NUMBER: 60/083545
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083556
OR FILING DATE: 1998-04-29
OR APPLICATION NUMBER: 60/083555 OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081819
OR FILING DATE: 1998-04-15
OR APPLICATION NUMBER: 60/081952
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OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21
OR APPLICATION NUMBER: 60/082569
OR FILING DATE: 1998-04-21 OR FILING DATE: 1998-04-01
OR APPLICATION NUMBER: 60/081070
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081049
OR APPLICATION NUMBER: 60/081049
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081071
OR FILING DATE: 1998-04-08
OR APPLICATION NUMBER: 60/081195
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081203
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081229
OR APPLICATION NUMBER: 60/081955
OR FILING DATE: 1998-04-09
OR APPLICATION NUMBER: 60/081955
OR APPLICATION NUMBER: 60/081955
OR APPLICATION NUMBER: 60/081817 R FILING DATE: 1998-03-30
R APPLICATION UNMBER: 60/01
R FILING DATE: 1998-03-31
R FILING DATE: 1998-03-31 APPLICATION NUMBER: 60/080327
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080328
FILING DATE: 1998-04-01
APPLICATION NUMBER: 60/080333 FILING DATE: 1998-04-01 APPLICATION NUMBER: 60/080334 APPLICATION NUMBER: FILING DATE: 1998-03 FILING DATE: APPLICATION NUMBER: 60/080194 1998-03-31 1998-03-31 60/080165 60/080107 60/080105

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RESULT 528
US-10-162-521A-573/c
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Best Local S
Matches 18
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APPLICANT: Ashkenazi, Avi
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                                                  APPLICANT:
                                     APPLICANT:
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DR APPLICATION NUMBER: 60/085573
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085704
DR FILING DATE: 1998-05-15
DR APPLICATION NUMBER: 60/085697
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DR FILING DATE: 1998-05-07

DR FILING DATE: 1998-05-07

PR APPLICATION NUMBER: 60/084598

DR FILING DATE: 1998-05-07

DR APPLICATION NUMBER: 60/084600

DR FILING DATE: 1998-05-07
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R APPLICATION UNMBER: 60/06
R FILING DATE: 1998-04-30
R APPLICATION NUMBER: 60/06
R APPLICATION NUMBER: 60/06
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APPLICATION NUMBER: 60/085338
FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085323
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085580
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APPLICATION NUMBER: 60/085582
FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/085700
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084643
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APPLICATION NUMBER: 60/084637
FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/084639
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FILING DATE: 1998-05-06
APPLICATION NUMBER: 60/084441
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APPLICATION NUMBER: 60/085689
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APPLICATION NUMBER: 60/085339
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18; Conserv
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Botstein, David
Desnoyers, Luc
                                                  Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
               Gerritsen, Mary E. Goddard, Andrey
                                                                                                           Filvaroff, Ellen
                                                                                                                                                Eaton,
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Pred. No. 7.
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                                                RESULT 529
US-10-013-928A-573/c
US-10-013-928A-573/c
; Sequence 573, Application US/10013928A
; Publication No. US20030215905A1
; GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
; APPLICANT: Besnoyers, Luc
APPLICANT: Desmoyers, Luc
APPLICANT: Eaton, Dan
; APPLICANT: Fatorara, Napoleon
; APPLICANT: Filvaroff, Ellen
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               APPLICANT: APPLICANT:
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APPLICANT:
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Gerber, Hanspeter Fong, Sherman Gao, Wei-Qiang

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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembran
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PICS5
CURRENT APPLICATION NUMBER: US/10/162,521A
CURRENT FILING DATE: 2002-11-29
PRIOR APPLICATION NUMBER: 09/91858
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065364
PRIOR APPLICATION NUMBER: 60/066364
                                                                                                                                                             ; OTHER INFORMATION: Synthetic oligonucleotide US-10-162-521A-573
                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-10
PRIOR PRIOR PRIOR DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR PRIOR PRIOR DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-12
PRIOR PRIOR DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
                                                                               Query Match
Best Local S
Matches 18
                                                                                                                                                                                                                                                           Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
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                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                            TYPE: DNA
820 TGGAGGAAGAGGACACAGGCGA 841
                                                                                 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INVENTION: Secreted and Transmembras
                                                                                                    Similarity
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Shelton, David L.
Shewart, Timothy A.
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Napier, Mary A.
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                                                                                 Conservative
                                                                                                  0.3%;
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                                                                                                  Score 15.6;
Pred. No. 7
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                                                                                   Mismatches
                                                                                                      .3e+02
                                                                                                                                                                                                                                                                                                                          See File Wrapper
                                                                                                                         DB 1;
                                                                                                                     Length 24;
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                                                                                 Gaps
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RESULT 530
US-10-162-522A-573/c
US-10-162-522A-573/c
; Sequence 573, Applica
; Publication No. US200
; GENERAL INFORMATION:
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US-10-013-928A-573
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PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR PRILING DATE: 1997-11-3
PRIOR PRILING DATE: 1997-11-21
PRIOR PRILING DATE: 1997-11-21
PRIOR PRILING DATE: 1998-03-10
PRIOR PILING DATE: 1998-03-11
PRIOR PRILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
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Best Local S
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
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                                                              APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P
APPLICANT: Botstein, Dav
APPLICANT: Desnoyers, Lu
                         APPLICANT:
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CURRENT FILING DATE: 2001-10-25
CURRENT FILING UNUMBER: 09/918585
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: P2630P1C86
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                                                                                                                                                                                                                                                                                                                       820 TGGAGGAAGAGGACACAGGCGA 841
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18; Conser
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Kuo, Sophia S.
Napier, Mary A.
Eaton, Dan
Ferrara, Napoleon
Filvaroff, Ellen
                                                              Baker Kevin P.
Botstein, David
Desnoyers, Luc
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Grimaldi, J. Christopher
Gurney, Austin L.
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                                                                                                                                                                                  Application US/10162522A
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ilarity 81.8%;
Conservative
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Pred. No. 7.3e+02;
0; Mismatches 4;
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US-10-013-923A-573/c
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  Sequence 573, Application US/10013923A
Publication No. US20030216305A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Bestoyers, Luc
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                                                                                                                                                     OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-162-522A-573
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CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065364
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR PILING DATE: 1998-03-01
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-01
                                                                                                                                                                                                                            Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
                                                                          Matches
                                                                                                               Query Match
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PRIOR FILING DATE: 1998-03-12
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                                                                                              Local
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FILING DATE: 1998-03-11
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FILING DATE: 1998-03-11
                                    820 TGGAGGAAGAGGACACAGGCGA 841
22
                                                                          18;
                                                                                            0.3%;
Similarity 81.8%;
TGGAGGAAGGGACGGAGGAGA 1
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Gao, Wei-Qiang
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Hillan, Kenneth J
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Grimaldi, J. Christopher
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                                                                          Conservative
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ton, David L.
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                                                                                            Score 15.6;
Pred. No. 7.
                                                                          Mismatches
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                                                                                                             Length 24;
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Baker Kevin P. Botstein, David Desnoyers, Luc

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US-10-013-925A-573/c
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US-10-013-923A-573
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APPLICANT: Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                                    Sequence 573, Application US/10013925A Publication No. US20030216560A1
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LENGTH: 24
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Best Local Similarity 81.8%;
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CURRENT FILING DATE: 2001-10-25
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                            APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                                                                                              820 TGGAGGAAGAGGACACAGGCGA 841
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                                                       Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J.
Kljavin, Ivar J.
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Kuo, Sophia S.
Napier, Mary A.
Paoni,
                         Kuo, Sophia S.
Napier, Mary A.
                                                                                                                                 Gerritsen, Mary E. Goddard, Audrey
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Nicholas
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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Pred. No. 7.3e+02;
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           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C88
CURRENT APPLICATION NUMBER: US/10/013,927A
CURRENT FILING DATE: 201-10-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
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CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
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APPLICANT: Baker Kevin P
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TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: PASSOPICS3
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ORGANISM: Artificial Sequence
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
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Shelton, David L.
Stewart, Timothy A.
Tumas, Daniel
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gao, Wei-Qiang
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Gerritsen, Mary E.
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Filvaroff, Ellen
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b. US20030216561A1
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uo, Sophia S.
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Pred. No. 7.3e+02
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; ORGANISM: Homo sapiens
US-10-443-694-124
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US-10-443-694-124/c
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APPLICANT: Israeli, R
APPLICANT: Heston, W
APPLICANT: Fair, Wil
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NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.1
SEQ ID NO 124
LENGTH: 24
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Best Local
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APPLICANT: Baker Kevin P
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CURRENT APPLICATION NUMBER: US/10/443,694
CURRENT FILING DATE: 2003-05-21
PRIOR APPLICATION NUMBER: US 08/705,477
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APPLICANT: Pinto, John
TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
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Local Similarity 81.8%;
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18; Conserv
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Fair, William R
Pan, James;
Paoni, Nicholas F.
Roy, Margaret Ann
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Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
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Botstein, David
Desnoyers, Luc
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Filvaroff, Ellen
                                                                Kljavin, Ivar J.
Kuo, Sophia S.
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Hillan, Kenneth J
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Pred. No. 7.3e+02;
0; Mismatches 4;
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Pred. No. 7.3e+02;
0; Mismatches 4;
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RESULT 536 US-10-013-919A-573/c

GENERAL Sequence 573, A Publication No.

INFORMATION:

Application US/10013919A o. US20040005657A1

Ashkenazi, Avi

APPLICANT:

APPLICANT: APPLICANT:

APPLICANT:

Ferrara, Napoleon Filvaroff, Ellen Desnoyers, Luc Botstein, David Baker Kevin P.

APPLICANT: APPLICANT: APPLICANT:

Godowski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
Kljavin, Ivar J.
Kuo, Sophia S.

APPLICANT:

Gerritsen, Mary E. Goddard, Audrey Fong, our Qiang

Gerber, Hanspeter

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US-10-145-093A-573
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PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/064249
PRIOR PILING DATE: 1997-11-03
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-13
PRIOR PILING DATE: 1997-11-21
PRIOR PILING DATE: 1997-11-23
PRIOR APPLICATION NUMBER: 60/066364
PRIOR APPLICATION NUMBER: 60/07450
PRIOR PILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR APPLICATION NUMBER: 60/077632
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
PRIOR PILING DATE: 1998-03-11
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SEQ ID NO 573
LENGTH: 24
                                                                                               Matches
                                                                                                                                            Query Match
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PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: P2630P1C48
CURRENT APPLICATION NUMBER: US/10/145,093A
CURRENT FILING DATE: 2001-10-18
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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Local Similarity 81.8%;
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                                              820 TGGAGGAAGAGGACACAGGCGA 841
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TGGAGGAAGGGACGAGGAGA 1
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Stewart, Timothy A.
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                                                                                               Conservative
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Pred. No. 7.3e+02;
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                                                                                                                                                 DB 1;
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US-10-013-920A-573/c; Sequence 573, Appli; Publication No. US:
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CURRENT APPLICATION NUMBER: U8/10/013,919A
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/062249
PRIOR FILING DATE: 1997-10-13
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
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Best Local S
Matches 18
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SEQ ID NO 573
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     APPLICANT
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Synthetic oligonucleotide probe
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FILING DATE: 1998-03-11
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18; Conserv
Fong, Sherman
Gao, Wei-Qlang
Gerber, Hanspeter
Gerritsen, Mary E.
Geddard, Audrey
Goddwski, Paul J.
Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Shelton, David L.
Stewart, Timothy A.
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Filvaroff, Ellen
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Botstein, David
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Pred. No. 7.3e
0; Mismatches
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7.3e+02;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Catriona Jamieson
APPLICANT: Laurie Ailles
APPLICANT: Trannishtha Reya
APPLICANT: STEM CELLS AND CANCER STE
TITLE OF INVENTION: METHODS OF IDENTIFYING ANI
TITLE OF INVENTION NUMBER: US/10/449,795
CURRENT APPLICATION NUMBER: 60/384,529
PRIOR APPLICATION NUMBER: 60/384,529
PRIOR APPLICATION NUMBER: 60/431,655
PRIOR APPLICATION NUMBER: 60/431,655
PRIOR FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: 60/431,655
PRIOR FILING DATE: 2002-12-06
NUMBER OF SEQ ID NOS: 15
SOFTWARRE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-449-795-7
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
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Best Local
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Best Local S
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CURRENT APPLICATION NUMBER: US/10/013,920A
CURRENT FILING DATE: 2001-10-25
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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                                2826 GAGGGGGAGCTGGTGAAGT 2847
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                                                                       18;
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2 GAGTGGGAGTTGCTGTTGAAGT 23
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                                                                                          Similarity
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Stewart, Timothy A.
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                                                                       Conservative
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                                                                                        0.3%;
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                                                                                          Score 15.6; DB 1
Pred. No. 7.3e+02
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Pred. No. 7
                                                                         Mismatches
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STEM CELLS
                                                                                                            DB 1;
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RESULT 539 US-10-164-749A-573/c ; Sequence 573, Application US/10164749A

Publication

No. US20040029218A1 DRMATION: Ashkenazi, Avi

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                                                                                                                                 US-10-164-749A-573
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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
                                                                             Query Match
Best Local Similarity
                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-14-03
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CURRENT APPLICATION NUMBER: US/10/164,749A
CURRENT FILING DATE: 2001-10-19
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                                                                                                                                             OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                  FEATURE:
                                                                                                                                                                            ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1998-03-1
                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/066364
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                             TGGAGGAAGAGGACACAGGCGA 841
TGGAGGAAGGGACGGAGA 1
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Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gerritsen, Mary E.
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Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Roy, Margaret Ann
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                                                               Conservative
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                                                              Score 15.6; DB 1
Pred. No. 7.3e+02
0; Mismatches
                                                                                           DB 1; Length 24;
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                                                            Gaps
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RESULT 541
US-10-665-460A-30/c
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-013-917A-573
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NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
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Best Local Similarity
APPLICANT: Freyssinet, Georges
APPLICANT: Rang, Cecile
APPLICANT: Frutos, Roger
TITLE OF INVENTION: Pepsin-sensitive modified Bacillus thuringiensis insecticidal
FITLE OF INVENTION: Loxin
FILE REFERENCE: A35992-PCT-USA-A (072667.0191)
CURRENT APPLICATION NUMBER: US/10/665,460A
CURRENT APPLICATION NUMBER: PCT/FR02/00772
PRIOR APPLICATION NUMBER: PCT/FR02/00772
PRIOR PILING DATE: 2002-03-04
PRIOR PILING DATE: 2002-03-04
PRIOR FILING DATE: 2001-03-19
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CURRENT FILING DATE: 2001-10-25
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                               820 TGGAGGAAGAGGACACAGGCGA 841
                                                                                                                                                                                                                                                                                                                                                                                                                                        18;
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Stewart, Timothy A.
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Kuo, Sophia S.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Goddard, Audrey
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Filvaroff, Ellen
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ton, David L.
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Pred. No. 7.3e+02;
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US-10-433-485A-29/c
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US-10-665-460A-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-433-485A-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: PCT/CA01/01805
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: PCT/CA00/01493
PRIOR FILING DATE: 2000-12-15
PRIOR APPLICATION NUMBER: 60/178,314
PRIOR FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: 60/171,110
PRIOR APPLICATION NUMBER: 60/171,110
                                                                                                                                                                          Sequence 124, Application US/10614625 Publication No. US20040198657A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 29
LENGTH: 24
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SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 30
LENGTH: 24
                                                                                                                                                       GENERAL INFORMATION:
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Best Local (
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APPLICANT: PETKO
APPLICANT: JONES
APPLICANT: RAMSH
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Best Local Similarity 81.8%;
                APPLICANT: Heston, Warren D.W.
APPLICANT: Ouerfelli, Ouathek
APPLICANT: Pinto, John
TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
FILE REFERENCE: 1769/41426-GC
CURRENT APPLICATION NUMBER: US/10/614,625
CURRENT FILING DATE: 2003-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/433,485A CURRENT FILING DATE: 2003-06-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: RAMSHAW, Heather
TITLE OF INVENTION: P450RAI-2(P450 Cytochrome 268), Encoding Nucleic Acid
TITLE OF INVENTION: Molecules and Methods and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: OTHER INFORMATION: primers and probes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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18; Conserv
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NUMBER: US 10/433,694
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Pred. No. 7.
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEDMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-28
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR APPLICATION NUMBER: US 08/705,477
PRIOR TILING DATE: 1996-08-29
PRIOR PPLICATION NUMBER: PCT/US96/02424
PRIOR FILING DATE: 1996-02-23
PRIOR PPLICATION NUMBER: US 08/466,381
PRIOR PPLICATION NUMBER: US 08/470,735
PRIOR APPLICATION NUMBER: US 08/470,735
PRIOR APPLICATION NUMBER: US 08/470,735
PRIOR APPLICATION NUMBER: US 08/394,152
PRIOR FILING DATE: 1995-06-06
PRIOR PILING DATE: 1995-02-24
NUMBER OF SEQ ID NOS: 128
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Best Local Similarity
                                               PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
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APPLICANT: J:
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TYPE: DNA
                                                                                                                        APPLICATION NUMBER: PCT/US01/00662 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00661
APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
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PENN, Sharron
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Pred. No. 7.
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Best Local Similarity 94.
Matches 16; Conservative

94.1%;

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Pred. No. 4.6e+02; 0; Mismatches 1

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; ORGANISM: Homo sapiens
US-09-866-108-1345
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Best Local S
Matches 16
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NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1345
LENGTH: 17
                                                                                                              NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence
SEQ ID NO 1346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1346, Application US/09866108 Patent No. US20020048800A1
   Query Match
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                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                         TYPE: DNA.
ORGANISM: Homo sapiens
                                                                                              LENGTH: 17
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00670 FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00662
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L, David K.
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   0.3%;
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Pred. No. 4.
   Score 15.4;
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4.6e+02;
   ВB
   1:
Length 17;
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APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
ITITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILLE REFERENCE: AEDMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CCURENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo sapiens
US-09-866-108-1347
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SOFTWARE: Aeomica Sequence
SEQ ID NO 1347
                                                                                                                                           Matches
                                                                                                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                         LENGTH: 17
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OR APPLICATION NUMBER: PCT/US01/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00668
OR APPLICATION NUMBER: PCT/US01/00663
OR APPLICATION NUMBER: PCT/US01/00663
OR APPLICATION NUMBER: PCT/US01/00662
OR APPLICATION NUMBER: PCT/US01/00662
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/266,860 FILING DATE: 2001-02-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00661 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
                                                                   773 GAAGGAAAACATGGGGC 789
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Similarity 94.1%;
GAAGGAAAAGATGGGGC 17
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                                                                                                                                           Conservative
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NN, Sharron'
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Pred. No. 4
                                                                                                                                           Mismatches
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                                                                                                                                                                                4.6e+02;
                                                                                                                                                                                                                      DB 1;
                                                                                                                                                                                                              Length 17;
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RESULT 547 US-09-866-108-8198/c

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RESULT 548
US-09-263-959-488
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                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8198
                                                                                                                                            Sequence 488, Application US/09263959 Patent No. US20020150891A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Aeomica
SEQ ID NO 8198
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                               GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND
NUMBER OF SEQUENCES: 1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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APPLICANT: JI, Y
APPLICANT: PENN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                    CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                           Local Similarity
nes 16; Conserv
 ADDRESSEE:
                                                                                                                                                                                                                                                                                         3873 ATCAAGCCTTCCAGATC 3889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/234,687 FILING DATE: 2000-09-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US01/00663
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HANZEL, David
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                                                                                                                                                                                                                                                                                                                              Conservative
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Seed and Berry LLP
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                    ADDRESS
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Pred. No. 4.6e+02;
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                                                      THERAPEUTIC COMPOSITIONS
                                                                                                                                                                                                                                                                                                                                                              DB 1;
                                                                                                                                                                                                                                                                                                                                                              Length 17;
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RESULT 549
US-09-263-959-576
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; Patent No. US200201508:
; GENERAL INFORMATION:
; APPLICANT: Hood, La
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Best Local Similarity
Matches 16; Conserv
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, \

CURRENT APPLICATION DATA:
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TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                             NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                    APPLICATION NUMBER: US/09/263,959 FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                            STATE:
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                                                                                                                                      CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          271 TCTCTCTCTTTCTCT 287
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Koop, Ben F.
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ilarity 94.1%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                        DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS: 1279
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                                                                                                                                                                                                     Release #1.0, Version
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                                                                    920010.426C2
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Pred. No. 4.
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RESULT 551
US-09-792-818-482
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US-09-263-959-584
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                                           Sequence 482, Application US/09792818 Publication No. US20030134806A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                              Query Match
Best Local
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Best Local Similarity
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
APPLICANT: Ribozyme
APPLICANT: Jarvis,
APPLICANT: Von Carl
                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (206) 682-60: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
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                                                                                                                                                                                                               l Similarity 94.:
16; Conservative
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Jarvis, Thale
Von Carlowitz, Ira
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                            Pharmaceuticals, Inc
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                                                                                                                                                                                                              Score 15.4; D. Pred. No. 4.6e 0; Mismatches
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Pred. No. 4.6e+02;
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APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Mcthod and Reagent for
TITLE OF INVENTION: (GRID) Gene
FILE REFERENCE: MBHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: Patentin version 3.0
SEQ ID NO 482
LENGTH: 17
TYPE: RNA
ORGANISM
                                                                                                                                                            RESULT 553
US-10-238-700-3/c
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                                                                                             Sequence 3, Application US/10238700 Publication No. US20030153521A1 GENERAL INFORMATION:
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SEQ ID NO 15
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                        Matches 16;
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APPLICANT: KAWASHIMA, HIROKI
APPLICANT: KAWASHIMA, HIROKI
APPLICANT: NAKAMATSU, TSUYOSHI
TITLE OF INVENTION: METHOD FOR PRODUCING L-GLUTAMINE BY FERMENTATION AND L-GLUTAMINE
TITLE OF INVENTION: PRODUCING BACTERIUM
FILE REFERENCE: 219181US0
CURRENT APPLICATION NUMBER: US/10/062,458
CURRENT FILING DATE: 2002-02-05
PRIOR APPLICATION NUMBER: JP 2001-28163
PRIOR PILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: JP 2001-162806
PRIOR FILING DATE: 2001-05-30
NUMBER OF SEQ ID NOS: 25
COETHARE: DESCRIPT NECTOR 3 1
APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James TITLE OP INVENTION: Nucleic Acid Treatment FILE REFERENCE: 400/057 (MBHB01-1158-A) CURRENT APPLICATION NUMBER: US/10/238,700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: NAKAMURA, JUN
APPLICANT: IZUI, HIROSH
                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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88.2%; Pred. No. 4.6e+02
ative 1; Mismatches
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Pred. No. 4
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                                         of Diseases or Conditions Related to Level
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RESULT 555
US-10-723-361-1345
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; ORGANISM: Homo sapiens
US-10-061-201-1079
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US-10-061-201-1079/c
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; ORGANISM: Homo sapiens
US-10-238-700-3
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CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 17
TYPE: NUMBER OF SUM PATENTIAL PAT
Sequence 1345, Application US/10723361 Publication No. US20040137589A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aeomica Sequence
SEQ ID NO 1079
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Publication No. US20030166229A1
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Best Local Similarity 94.1%;
Matches 16; Conservative
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN
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nes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/328,205
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Pred. No. 4.
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Pred. No. 4.6e+02;
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXI
FILE REPERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 62463.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1346, Application US/10723361
Publication No. US20040137589A1
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Best Local Similarity
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APPLICATE: SHAMON, MARSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART /
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR PRICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-19
PRIOR PILING DATE: 2001-01-20
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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APPLICANT: JI
APPLICANT: PE
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                                                                                                                                                                                                                                                                                                                                                           APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          771 AAGAAGGAAAACATGGG
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                                                                                                                                                                                                                                                                                                              RANK, David R. CHEN, Wensheng
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Pred. No. 4.6e+02;
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; ORGANISM: Homo sapiens
US-10-723-361-1346
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1347
LENGTH: 17
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmica Sequence Listing Engine
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
                                                                                                         PRIOR FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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HANZEL, David K.
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                                            Listing Engine
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Pred. No. 4.6e+02;
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RESULT 559 US-09-904-744-5/c

Sequence 5, Application US/09904744
Patent No. US20020150905A1
GENERAL INFORMATION:

APPLICANT: Barbera-Guillem, APPLICANT: Nelson, M. Bud

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US-10-723-361-8198
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PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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Matches
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SEQ ID NO 8198
                                                                              Query Match
Best Local
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN
FILE REFERENCE: PBO105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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                                                                                                                                                                TYPE: DNA
                                                                                                                                                                              ENGTH:
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                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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FILING DATE: 2000-10-04
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                 3873 ATCAAGCCTTCCAGATC 3889
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17 ATCAAGCCTTCCAAATC 1
                                                                                Similarity
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RANK, David R.
CHEN, Wensheng
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PENN, Sharron
                                                              Conservative
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                                                              Score 15.4; D:
Pred. No. 4.6e
0; Mismatches
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Pred. No. 4.6e
0; Mismatches
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CURRENT APPLICATION NUMBER: US/09/904,744
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/437076
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 60/107828
PRIOR FILING DATE: 1998-11-10
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5
              US-10-292-198-93
Sequence 93, Application US/10292198
Publication No. US20030157654A1
GENERAL INFORMATION:
APPLICANT: SHEN, Ben
APPLICANT: LIU, Wen
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                                                                                                                                                                                                                                                                      Matches
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SEQ ID NO 6
LENGTH: 18
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                                                                                                                                                                                                                                                                                                        Query Match
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Best Local Similarity
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APPLICANT: Nelson, M. Bud
APPLICANT: Castro, Stephanie
TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use
TITLE OF INVENTION: dendrimers in a signal amplification system
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/904,744
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/437076
PRIOR FILING DATE: 1999-11-09
TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: synthesized
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OF INVENTION: BIOSYTHESIS OF ENEDIYNE COMPOUNDS BY MANIPULATION OF C-1027 GENE
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                                                                                                                                                                                                                                                                                    94.1%;
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Pred. No. 5.1e+02;
                                                                                                                                                                                                                                                                                      Score 15.4; DB 1;
Pred. No. 5.1e+02;
                                                                                                                                                                                                                                                                    Mismatches
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: IMFORMATION: Description of Artificial Sequence: Primer US-10-159-257A-93
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: CHRISTENSON, STEVEN D.
APPLICANT: STANDAGE, SCOTT
TITLE OF INVENTION: GENE CLUSTER FOR PRODUCTION OF
TITLE OF INVENTION: ANTIBIOTIC C-1027
FILE REFERENCE: 407T-895020US
CURRENT APPLICATION NUMBER: US/10/159,257A
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: 09/478,188
PRIOR APPLICATION NUMBER: 09/478,188
PRIOR APPLICATION NUMBER: 09/478,189
PRIOR APPLICATION NUMBER: 09/15,434
PRIOR FILING DATE: 1999-01-06
NUMBER: OF SEQ ID NOS: 207
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US-10-159-257A-93
                                                                                                                                                           US-09-242-772-18
                                                                                                                                                                                   RESULT 563
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CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: US 10/159,257
PRIOR FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: US 09/478,188
PRIOR APPLICATION NUMBER: US 09/478,188
PRIOR APPLICATION NUMBER: US 60/115,434
PRIOR FILING DATE: 1999-01-06
NUMBER OF SEQ ID NOS: 146
NUMBER OF SEQ ID NOS: 146
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Publication No. US20040161828A1
GENERAL INFORMATION:
APPLICANT: SHEN, BEN
APPLICANT: LIU, WEN
                   Sequence 18, Application US/09242772
Publication No. US20020009720A1
GENERAL INFORMATION:
APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie
TITLE OF INVENTION: PLAG gene family and tumorigenesis
FILE REFERENCE: VIB-011-US
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 16; Conserv
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CURRENT APPLICATION NUMBER: US/09/242,772
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                     2936 TGACAGCGACGAATCCT 2952
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                                                                                                                                                                                                                                                                                                                                                                       0.3%; Score 15.4; DB 1; 94.1%; Pred. No. 5.1e+02;
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RESULT 565
US-09-754-106-104
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US-09-915-485-74/c
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; OTHER INFORMATION: antisense primer D8S166
US-09-242-772-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-915-485-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 74, Application US/09915485
Publication No. US20030083281A1
GENERAL INFORMATION:
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SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 89
SEQ ID NO 74
LENGTH: 20
                                                                                                                                                                                                         Sequence 104, A Publication No.
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4
FILE REFERENCE: RTS-0251
                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/915,485
CURRENT FILING DATE: 2001-07-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Mark J. APPLICANT: Susan I
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PRIOR FILING DATE: 1997-08-22
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PRIOR FILING DATE: 1996-08-22
PRIOR APPLICATION NUMBER: EP 97200130.9
PRIOR FILING DATE: 1997-01-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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OTHER INFORMATION: primer
FEATURE:
APPLICANT: Kaisaki, Pamela J.
APPLICANT: Kaisaki, Pamela J.
APPLICANT: Horikawa, Yukio
APPLICANT: Menzel, Stephen
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TITLE OF INVENTION: AND HNF-4ALPHA
                                                                                                                                                                     APPLICANT:
                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                          Application US/09754106
                                                                                                                                  Yamagata, Kazuya
Oda, Nachisha
                                                                                                                                                                     Bell, Graeme I.
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Pred. No. 6e+02;
0; Mismatches 1;
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APPLICANT: Seabra, Laurence Anthony
TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CAN
TITLE OF INVENTION: EXPRESSION OF NEGATIVE AND POSITIVE SIGNAL TRAI
FILE REFERENCE: 1417-188
CURRENT APPLICATION NUMBER: US/10/321,555
CURRENT FILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US/09/622,277
PRIOR APPLICATION NUMBER: US/09/622,277
PRIOR FILING DATE: 1909-02-18
PRIOR FILING DATE: 1909-02-18
PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: GB 9903035.5
PRIOR APPLICATION NUMBER: GB 99103035.7
PRIOR APPLICATION NUMBER: GB 9814545.1
PRIOR APPLICATION NUMBER: GB 9814545.1
PRIOR APPLICATION NUMBER: GB 981651.7
PRIOR APPLICATION NUMBER: GB 981651.7
PRIOR APPLICATION NUMBER: GB 981651.7
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US-10-321-555-9
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TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 10
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                         Sequence 9, Application US/10321555
Publication No. US20030134315A1
GENERAL INFORMATION:
APPLICANT: Warenius, Hilmar Meek
APPLICANT: Seabra, Laurence Anthon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/028,056

FILING DATE: 02-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/025,719

FILING DATE: 10-SEP-1996

ATTORNEY/AGENT INFORMATION:

NAME: Wilson, Mark B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: AI TELECOMMUNICATION INFORMATION
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MEDIUM TYPE: Floppy disk
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APPLICATION NUMBER:
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STRANDEDNESS: SIL
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
APPLICATION NUMBER: GB 9812151.0 FILING DATE: 1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               991 CCGAGACATTGTTCCAG 1007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       16;
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Similarity 94.1%;
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SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Box 4433
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Pred. No. 6
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RESULT 568
US-10-345-092-51/c
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                                                                                                                                                                                                                                                                                                                                                                         US-10-348-485-90
                Sequence 51, Application US/10345092
publication No. US20030165506A1
GENERAL INFORMATION:
APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in
FILE REFERENCE: FVR/aTc/V067
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Best Local :
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Best Local Similarity
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR ETILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
PRIOR FILING DATE: 1992-03-16
NUMBER OF SEQ ID NOS: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bennett, C. APPLICANT: Dean, Nicho APPLICANT: Holmlund, CAPPLICANT: Dorr, F. Ar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: GB 9803446.5
PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US/10/025,139
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/348,485
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
CURRENT APPLICATION NUMBER: US/10/345,092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
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Pred. No. 6e+02;
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Pred. No. 6e+02;
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                                                                                                                                                                                                                                                                                 US-10-289-762-6438/c
                                                                                                                                                                                                                                                                                                  RESULT 570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide US-10-174-559-40
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                                                                                                                                                                                                    Sequence 6438, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffals, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: ANTISENSE MODULATION OF DRAK1 EXPRESSION FILE REFERENCE: PTS-0006 CURRENT APPLICATION UMBER: US/10/174,559 CURRENT FILING DATE: 2002-06-17 NUMBER OF SEQ ID NOS: 112 SEQ ID NO 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 40, Applica Publication No. US20 GENERAL INFORMATION:
                                      SEQ ID NO 6438
LENGTH: 20
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LENGTH: 20
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Best Local
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Best Local Similarity
                                                                                                                              TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragrithms of INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION; and treatment of infection FILE REFERENCE: 9710-003-999
                                                                        CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
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NUMBER OF SEQ ID NOS: 134
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PRIOR APPLICATION NUMBER: 0020472.7
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/218,309
PRIOR APPLICATION NUMBER: US 60/218,309
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
ORGANISM: Chlamydia pneumoniae
                     TYPE: DNA
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Pred. No. 6
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US-10-289-762-6438

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RESULT 573
US-10-745-377-40
US-10-745-377-40
; Sequence 40, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-303-588-22
; Sequence 22, Application US/10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
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US-10-317-803-74
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Matches 16
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Publication No. US20040115640A1
GENERAL INFORMATION:
APPLICANT: Kathleen Myers
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
FILE REFERENCE: RTS-0454
                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 22
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/303,588
CURRENT FILING DATE: 2002-11-22
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kenneth W. Dobie TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/317,803
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 244
                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 78
                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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Pred. No. 6e+02;
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Pred. No. 6e+02;
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Pred. No. 6e+02;
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CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: JP 2002-190010
PRIOR FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: JP 2002-191391
PRIOR FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: JP 2002-191414
PRIOR APPLICATION NUMBER: JP 2002-191414
PRIOR FILING DATE: 2002-06-28
PRIOR FILING DATE: 2002-06-28
PRIOR FILING DATE: 2002-06-28
  Query Match
Best Local S
Matches 16
                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/10744730 Publication No. US20040137491A1
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Best Local :
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APPLICANT: Tadashi, OKAMOTO
APPLICANT: Hiromitsu, TAKASE
APPLICANT: Hiroyuki, HASHIMOTO
TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
TITLE OF INVENTION: ION MASS SPECTROMETRY
FILE REFERENCE: CF017354US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Window
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TYPE: DNA
ORGANISM: homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/213,958 PRIOR FILING DATE: 2000-06-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/124,702 PRIOR FILING DATE: 1999-03-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2000-09-01
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PRIOR APPLICATION NUMBER: 09/654,323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Compositions and Methods for Modulating TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
                                                                                         FEATURE:
OTHER INFORMATION: Sequence for Target
                                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 760050-109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/151,977
FILLING DATE: 1999-09-01
APPLICATION NUMBER: US 99/526,193
FILING DATE: 2000-03-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/139,600 FILING DATE: 1999-06-17
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                       Similarity
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Brooks-Wilson, An
Clee, Susanne M.
    Conservative
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                     0.3%;
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  Score 15.4; DB
Pred. No. 6e+02;
0; Mismatches
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Pred. No. 6e+02;
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                                      DB 1;
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4842 CTGGCCTCAGCTTGGGC 4858

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Sequence 392, Application US/09765081

Patent No. US20020037508A1

GENERAL INFORMATION:
APPLICANT: Cragill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
APPLICANT: Lander, Eric S.
FILE REFERENCE: 2825.2008-001

CURRENT APPLICATION NUMBER: US/99/765,081

CURRENT FILING DATE: 2001-01-18

PRIOR APPLICATION NUMBER: US 60/176,861

PRIOR FILING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 461

COPPRIABER OF SEQ ID NOS: 461
RESULT 577
US-09-750-609-19/c
, Sequence 19, Application US/09750609
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US-09-765-081-392/c
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US-09-765-081-392
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Best Local :
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 103
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Best Local (
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SEQ ID NO 392
LENGTH: 21
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CURRENT APPLICATION NUMBER: US/09/828,9958
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: McCall, Catherine A.

APPLICANT: Tang, Liang A.

TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Heska Corporation
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ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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nes 16; Conservative
                                                                                                                                                                                 Local Similarity 94.1 1es 16; Conservative
                                                                                                                                          3499 GGAAGAACGCAGGGGAC 3515
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Pred. No. 6.5e+02;
0; Mismatches 1
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Pred. No. 6.5e+02;
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US-10-349-143-11523/c

Sequence 11523, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta

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APPLICANT: Lao, Kai Qin
APPLICANT: Chen, Caifu
APPLICANT: Chen, Caifu
APPLICANT: Scafe, Charles
APPLICANT: Scafe, Charles
APPLICANT: Scafe, Charles
TITLE OF INVENTION: THE WHOLE GENOME AMPLIFICATION USING
TITLE OF INVENTION: SHORT, UNIVERSAL-TAGGED, OLIGO PRIMERS
FILE REFERENCE: ABIOS. 004A
CCURRENT APPLICATION UNMBER: US/10/151,061
CURRENT FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
LENGTH: 21
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-750-609-19
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APPLICANT: Blakely, Randy D.
APPLICANT: Blakely, Randy D.
APPLICANT: Blakely, Randy D.
APPLICANT: Blakely, Randy D.
APPLICANTON: GENETIC MUTATION UNDERLYING ORTHOSTATIC INTOLERANCE AND
TITLE OF INVENTION: DIACNOSTIC AND THERAPEUTIC METHODS RELATING THERETO
FILE REFERENCE: ALTOYNEY DOCKEE NO. US20030170875A1 1242-27-2-2
CURRENT APPLICATION NUMBER: US/09/750,609
CURRENT FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: 60/175,456
PRIOR APPLICATION NUMBER: 60/173,682
PRIOR FILING DATE: 1999-12-29
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PATENTIN Ver. 2.0
SOFTWARE: PATENTIN Ver. 2.0
                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                            OTHER INFORMATION: A synthetic oligonucleotide probe having homology OTHER INFORMATION: with a synthetic oligonucleotide template having OTHER INFORMATION: no significant homology to the human genome.
                                                                                                                                                                                                                                                                                                 LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                       FEATURE:
                                            1590 GTGGAAACAGAGAAGGA 1606
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4 GTGGCAACAGAGAAGGA 20
                                                                                         0.3%; Score 15.4; DB 1; ilarity 94.1%; Pred. No. 6.5e+02; Conservative 0; Mismatches 1
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Pred. No. 6.5e+02;
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                                                                                                                                              DB 1;
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TITLE OF INVENTION: Biallelic markers for use in construct FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11523
RESULT 581
US-10-452-510-171/c
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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-170
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Best Local Similarity 94.1%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-93
FILE REFERENCE: 760050-93
CURRENT FILING DATE: 2003-06-02
FRIOR APPLICATION NUMBER: US 09/526,193
FRIOR FILING DATE: 2000-03-15
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/151,977 PRIOR FILING DATE: 1999-09-01
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NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-9089 for SEQ 3658,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo Sapiens
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                                                                                                                                               1656 GGCTTCTGCCAGCTCCT 1672
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Pred. No. 6.5e+02;
                                                                                                                                                                                                                  Score 15.4; DB 1; Length 21; Pred. No. 6.5e+02;
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                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-170
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                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/617,334
CURRENT FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR FILING DATE: 1999-06-08
PRIOR PILING DATE: 1999-06-08
PRIOR PILING DATE: 1999-06-07
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR PRILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-17
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PRIOR FILLING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILLING DATE: 1999-03-15
PRIOR FILLING DATE: 1999-06-08
PRIOR FILLING DATE: 1999-06-07
PRIOR FILLING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILLING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILLING DATE: 1999-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 171
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                          SEQ ID NO 170
                                                    Matches
                                                                        Query Match
Best Local
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Best Local
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                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: Patentin 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2003-06-02
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1656 GGCTTCTGCCAGCTCCT 1672
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Similarity 94.1%;
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b. US20040058869A1
                                                    Conservative
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                                                  Score 15.4; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 1
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Pred. No. 6.5e+02;
0; Mismatches 1
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                                                                                        Length
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                                                    Gaps
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RESULT 585
US-10-745-377-202/c
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; SEQ ID NO 91
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-91
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CURRENT APPLICATION NUMBER: US/10/617,334
CURRENT FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR PPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-18
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR APPLICATION NUMBER: 60/151,977
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Best Local Similarity 94.1%;
Matches 16; Conservative
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Best Local Similarity 94.1%;
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SEQ ID NO 171
                                                                                                                                                                        Matches 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: Wu, Leeying
APPLICANT: Wu, Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
TITLE OF INVENTION: KINASE
FILE REFERENCE: AM101071
FILE REFERENCE: AM101071
                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: 60/429,381
PRIOR FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/702,496
CURRENT FILING DATE: 2003-11-07
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APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 287
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                            1650 AGAGAAGGCTTCTGCCA 1666
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                                                                                       AGAGAAGGATTCTGCCA 18
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                                                                                                                                                                        0; Mismatches
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Pred. No. 6.5e+02;
                                                                                                                                                                                          Score 15.4; DB 1;
Pred. No. 6.5e+02;
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TITLE OF INVENTION: Compositions and Methods for Modulating TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels FILE REFERENCE: 76050-109
FILE REFERENCE: 76050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILLING DATE: 2003-12-23
PRIOR REPLICATION NUMBER: 09/654,323
PRIOR FILING DATE: 2000-09-01
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR FILING DATE: 1999-06-08
PRIOR FILING DATE: 1999-06-08
PRIOR REPLICATION NUMBER: US 60/139,600
PRIOR REPLICATION NUMBER: US 60/139,600
PRIOR REPLICATION NUMBER: US 60/139,600
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-06-01
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 60/139,958
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Best Local Similarity
Watches 16; Conserva
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US-10-745-377-203/c
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PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: US 60/151,977
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR FILING DATE: 2000-66-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 203, Applic Publication No. US20 GENERAL INFORMATION:
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SEQ ID NO 202
LENGTH: 21
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CURRENT APPLICATION NUMBER: US/10/745,377

CURRENT FILING DATE: 2003-12-23

PRIOR APPLICATION NUMBER: 09/654,323

PRIOR FILING DATE: 2000-09-01

PRIOR APPLICATION NUMBER: US 60/124,702

PRIOR APPLICATION NUMBER: US 60/124,702

PRIOR FILING DATE: 1999-03-15

PRIOR FILING DATE: 1999-03-15

PRIOR FILING DATE: 1999-06-08

PRIOR FILING DATE: 1999-06-08

PRIOR FILING DATE: 1999-06-08
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APPLICANT: Pimstone, Simon
APPLICANT: Brooke-Wilson, Angela R.
APPLICANT: Clee, Susanne M.
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Ve:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Pimstone, Simon
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Clee, Susanne M.
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      Version 6.0 (ASCII Text)
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CURRENT APPLICATION NUMBER: US/10/753,159
CURRENT FILING DATE: 2004-01-07
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: Patentin version 3.1
SEQ ID NO 103
LENGTH: 21
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US-10-744-465-170/c
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US-10-753-159-103/c
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; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-203
                                                                                                                                                                                                                                                                                                                                                         Sequence 170, Application US/10744465 Publication No. US20040157250A1 GENERAL INFORMATION:
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Best Local Similarity 94.1%;
Matches 16; Conservative
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LENGTH: 21
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Best Local Similarity 94.1%;
Matches 16; Conservative
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                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/744,465
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: 60/134,702
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
                                                                                                                                                                                                                                                   APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-92
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APPLICANT: Brooks
APPLICANT: Pimston
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                                                                                                                         PRIOR APPLICATION NUMBER: US 09/526,193 PRIOR FILING DATE: 2000-03-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE 1gG AND CANINE IL-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial sequence
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b. US20040142372A1
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Pred. No. 6.5e+02;
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; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSEQ for Windows Version 4.
; SEQ ID NO 170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-170
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-171
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Best Local Similarity
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Matches 16; Conserv
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APPLICANT: Hayden, Michael R.
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-135
CURRENT APPLICATION NUMBER: US/10/833,679
CURRENT FILING DATE: 2004-04-28
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR FILING DATE: 2003-06-02
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APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-92
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CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
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PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-17
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o. US20040157250A1
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Pred. No. 6.
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Pred. No. 6.5e+02;
0; Mismatches 1
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APPLICATION NUMBER: 10/617,334 FILING DATE: 2003-07-10

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; SOFTWARE: PatentIn 3.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-171
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; ORGANISM: Homo sapiens
US-10-833-679-170
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Best Local Similarity 94.1%;
Matches 16; Conservative
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SOFTWARE: PatentIn 3.0
SEQ ID NO 170
LENGTH: 21
                                                                            Matches
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                                                                                                             Query Match
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CURRENT FILING DATE: 2004-04-28
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR FILING DATE: 2003-06-02
PRIOR FILING DATE: 2003-06-02
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TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-135
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/151,977 PRIOR FILING DATE: 1999-09-01
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PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: 09/526,193
PRIOR FILING DATE: 2000-03-15
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                                                                                             Local Similarity
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                                    1656 GGCTTCTGCCAGCTCCT 1672
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                                                                          Conservative
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                                                                                             Score 15.4; DB 1; Length 21; Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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RESULT 592

Best Local Similarity

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APPLICANT: Third wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-0494
CURRENT APPLICATION UNMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOPTWARE: Patentin version 3.0
SEQ ID NO 1851
LENGTH: 22
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                                                             ; OTHER INFORMATION: Synthetic US-09-864-636A-1851
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PRIOR FILING DATE: 1999-12-28
PRIOR PELICATION NUMBER: 60/224,321
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/200,534
PRIOR APPLICATION NUMBER: 60/239,062
PRIOR APPLICATION NUMBER: 60/239,062
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Best Local S
Matches 16
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 39
LENGTH: 22
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TITLE OF INVENTION: NO. US2020062013A1el G Protein Coupled Receptors
FILE REFERENCE: PHRM-0300
CURRENT APPLICATION NUMBER: US/09/750,373
CURRENT FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: 60/184,305
PRIOR APPLICATION NUMBER: 60/188,880
PRIOR APPLICATION NUMBER: 60/188,880
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PRIOR APPLICATION NUMBER: 60/219,492
PRIOR FILING DATE: 2000-07-20
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ORGANISM: Artificial
FEATURE:
                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                       FEATURE:
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al Similarity 94.1%;
16; Conservation
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Parodi, Luis A.
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Hiebsch, Ronald
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ruff, Valerie
0.3%;
94.1%;
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Pred. No. 7e+0
0; Mismatches
Score 15.4; DB 1;
Pred. No. 7e+02;
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                   Length 22;
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Conservative

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76.2%;

Pred. No. 7e+02; Mismatches

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RESULT 594
US-09-864-426A-1851
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                                  US-10-027-632-51706
                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 51706, Application US/10027632 Publication No. US20020198371A1 GENERAL INFORMATION:
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: Patentin version 3.0
SEQ ID NO 1851
LENGTH: 22
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                                                                                                    SOFTWARE: Fast
 Query Match
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APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification
TITLE OF INVENTION: Polymorphisms
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lyamichev, Victor
APPLICANT: Saiser , Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/146,002 PRIOR FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/185,218 PRIOR FILING DATE: 2000-02-24
                                                                                                                                           NUMBER OF
                                                   TYPE: DNA ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                    LENGTH:
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0.3%;
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                                                                                                                          Version 4.0
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Score 15.4;
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APPLICANT:
APPLICANT:
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                                                                                Ji, Lin
Kaiser, Michael
Kwiatkowski, Jr., Rol
Lukowiak, Andrew A.
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; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-51706
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PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
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APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 51706
                                                                                               GENERAL INFORMATION:
                                                                                                                    Sequence 1851, Application US/10084839
Publication No. US20030186238A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 51706, Application US/10027632 Publication No. US20030204075A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
                                               APPLICANT: Third Wave Technologies APPLICANT: Allawi, Hatim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/218,006 PRIOR FILING DATE: 2000-07-12
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Similarity 76.2%;
                           Argue, Brad T
Bartholomay, Christian
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.Pred. No. 7e+02;
2; Mismatches
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Neri, Bruce P. Olson, Sarah M.

Ma, WuPo Lyamichev,

ymaicheva, Natalie E.

Robert W.

Eis, Peggy S. Hall, Jeff G. Chehak, Luanne Curtis, Michelle L.

Hon S.

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APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION UNMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 1851
LENGTH: 22
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Best Local Similarity 94.1%;
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APPLICANT: CHAR
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              CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/026,741

FILING DATE: 27-Dec-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/817,441

FILING DATE: 31-AUG-1998

APPLICATION NUMBER: PCT/FR 95/01391

FILING DATE: 20-OCT-1995

APPLICATION NUMBER: FR 9412554

FILING DATE: 20-OCT-1995

APPLICATION NUMBER: FR 9502526

FILING DATE: 03-MAR-1995
                                                                                                                                                                                                                                                               ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3011 CACGCCTCTCACCCACC 3027
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 10 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NUCLEOTIDE SEQUENCES OF HIV-1 TYPE (OR SUBTYPE) ANTIGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16;
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STREET: 1300 I Street, N.W.
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Skrzypczynski, Zbigniew
Takova, Tsetska Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Olson-Munoz, Marilyn C.
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GUETARD, DENISE
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DONJON DE SAINT-MARTIN, JACQELINE
COHEN, JAQUES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLAVEL, FRANCOISE
BORMAN, ANDREW
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Pred. No. 7e+02;
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                                                                                                                              US-09-800-631-110/c
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                                                                                                                                                 RESULT 600
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             Sequence 110, Application US/09800631
Patent No. US20020082238A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Loc
Matches
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Bennett,
APPLICANT: Dean, N
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Best Local (
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APPLICANT:
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APPLICANT: Zhang, QingQing
ATTITLE OF INVENTION: Antisense Modulation of
FILE REFERENCE: ISPH-0528
CURRENT APPLICATION NUMBER: US/09/734,846
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 09/277,020
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SOFTWARE: Patentin V
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PRIOR FILING DATE:
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1999-0
CURRENT APPLICATION NUMBER: US/09/800,631
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                                                                                                                                        2830 GGGAGCTGGTGGTGAAGTTT 2849
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MOLECULE TYPE: Other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 03260.6005-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1590 GTGGAAACAGAGAAGGAGAAG 1610
                                                                                                                                                                                                   20 GGGAGCTGGTGGTTGACTTT 1
                                                                                                                                                                                                                                                                   17;
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                                                                                                                                                                                                                                                                                    Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dean, Nicholas M. Monia, Brett P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Bennett,
                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       C. Frank
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Pred. No. 7.4e+02;
2; Mismatches 3
                                                                                                                                                                                                                                                                                   Score 15.2; DB 1;
Pred. No. 6.5e+02;
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                                                                                                                                                                                                                                                                                                  DB 1;
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APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLICING
FILE REFERENCE: A31304-B-A 072874,0134
CCURRENT APPLICATION NUMBER: US/09/756,095
CCURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR PILING DATE: 1998-09-23
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/87,233
PRIOR APPLICATION NUMBER: 09/66,354
PRIOR APPLICATION NUMBER: 09/766,354
PRIOR APPLICATION NUMBER: 1998-05-28
PRIOR APPLICATION NUMBER: 09/766,354
PRIOR APPLICATION NUMBER: 09/766,354
PRIOR APPLICATION NUMBER: 1996-12-13
                                                                                                                                               US-09-791-406-17; Sequence 17, Application US/09791406; Patent No. US20020147165A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-756-095-65/c
APPLICANT: C. FIGHT.

APPLICANT: Robert Rothlein
APPLICANT: Takashi Kei Kishimoto
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 110
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 65, Application U Patent No. US20020115207A1 GENERAL INFORMATION:
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LENGTH: 20
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SOFTWARE: FastSEQ for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/008,317 PRIOR FILING DATE: 1995-12-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: Splice junction sequence
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ORGANISM: Artificial Sequence
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les 17; Conservative
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Pred. No. 6.5e+02;
0; Mismatches 3
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Pred. No. 6.5e+02;
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                                                       CALRETICULIN EXPRESSION
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                                                                                                             US-09-996-263-13
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CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/09996263 Publication No. US20030004325A1 GENERAL INFORMATION:
                                      Matches
                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                        TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/996, 263
FILING DATE: 28-No. US20030004325A1-2001
CLASSIFICATION: AUNKnown>
PRIOR APPLICATION DATA:
                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325Auris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                         NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
 4155 CCTGCTGGCTCCTGCCC 4174
                                                                                                                            ANTI-SENSE: yes
SEQUENCE DESCRIPTION: SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Phillip Dan Cook
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                                                       Similarity
                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/471,973 FILING DATE: <Unknown>
                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                       LENGTH: 20 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: PA
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                                      Conservative
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                                                       Score 15.2; DB 1
Pred. No. 6.5e+02
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Pred. No. 6.5e+02;
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                                                                                                                              NO:
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                                                                                                                              13:
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                                                                       Length 20;
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; NAME/KEY: misc_feature ; LCCATION: (0) ...(0) ; LCCATION: (0) ...(0) ; OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone ; OTHER INFORMATION: with phosphorothioate at 5' and 3' ends US-09-888-326-554
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 275
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 848
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 554, Application US/09888326 Publication No. US20030026801A1 GENERAL INFORMATION:
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                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Weiner, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
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APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALITITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/824,322B
CURRENT FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
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                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                OTHER INFORMATION: Synthetic oligonucleotide
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                                                                               Local Similarity
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                             1357 TGCACGAGGGTCCTGAGTCT 1376
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  TCCATGACGGTCCTGAGTCT 20
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o. US20030022848A1
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Pred. No. 6
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Pred. No. 6.5e+02;
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                                                                                 Mismatches
                                                                                                    6.5e+02;
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                                                                                                                     DB 1;
                                                                                                                     Length 20
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Mitchell, Lloyd G.

APPLICANT: Garcia-Blanco, Mariano A.

APPLICANT: Puttearaju, Madaiah

APPLICANT: Puttearaju, Madaiah

ITILE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN

ITILE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLI

FILE REFERENCE: A31304-B-A-B 072874.0135

CURRENT APPLICATION NUMBER: US/09/756,096A

CURRENT FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: 09/158,863

PRIOR APPLICATION NUMBER: 09/158,863

PRIOR APPLICATION NUMBER: 09/087.233

PRIOR APPLICATION NUMBER: 08/087.233

PRIOR APPLICATION NUMBER: 08/087.317
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APPLICANT: MAISÍAÍA, GARY S.
TITLE OF INVENTION: METHODS OF COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLICI
FILE REFERENCE: A31304-BAE (072874.0156)
CURRENT APPLICATION NUMBER: U8/09/941,492
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 09/038,858
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-01-08
PRIOR FILING DATE: 2001-01-08
PRIOR FILING DATE: 1998-09-23
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/133,717
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 65, Application US/09756096A Publication No. US20030077754A1
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                             NUMBER OF SEQ ID NOS:
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SOFTWARE: FastSEQ for Windows Version
SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Artificial Sequence
FEATURE:
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mes 17; Conserv
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85.0%; Pred. No. 6.5e+02;
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RESULT 609
US-09-776-479-38
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; Sequence 38, Application US/09776479
; Publication No. US20030087848A1
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-38
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                                                                       PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2001-02-02
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FREESEQ for Windows Version 3.0
SEQ ID NO 38
LENCTH: 20
                                                                                                                                                                                                                                                                                                        Sequence 38, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
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LENGTH: 20
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Best Local :
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                                                                                                                                                                                                        APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
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APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
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                     ORGANISM: Artificial Sequence FEATURE:
                                                              TYPE: DNA
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OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%;
Local Similarity 85.0%;
hes 17; Conservative
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                   ; OTHER INFORMATION: Synthetic Sequence US-09-776-479-39
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; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-39
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                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 39
LENGTH: 20
Query Match 0.3
Best Local Similarity 85.0
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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Best Local Similarity 85.0%;
Matches 17; Conservative
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APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR PILING DATE: 2000-02-03
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                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                     0.3%;
  Score 15.2; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 3
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Pred. No. 6.5e+02
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                                          DB 1;
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                                          Length 20;
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RESULT 614
US-09-840-743-103/c
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Sequence 103, Application US/09840743
Publication No. US20030135890A1
GENERAL INFORMATION:
APPLICANT: Fischer, Robert L.
APPLICANT: Choi, Yeonhee
                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION FILE REFERENCE: RTS-0280
CURRENT APPLICATION NUMBER: US/09/961,001
CURRENT FILING DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 71
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: ISPH-0589
CURRENT APPLICATION NUMBER: US/09/920,394
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 22
LENGTH: 20
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APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERA
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                      Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                      Local Similarity
les 17; Conserv
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Pred. No. 6.5e+02;
0; Mismatches 3
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Pred. No. 6.
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APPLICANT: Hannon, Mike
APPLICANT: Okamuro, Jack Kishiro
APPLICANT: Tatainova, Tatiana Valerievna
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Nucleic Acids That Control Plant Development
FILE REFERENCE: 023070-0999100S
CURRENT APPLICATION NUMBER: US/09/640,743
CURRENT FILING DATE: 2001-04-23
FRIOR APPLICATION NUMBER: US 09/553,690
PRIOR APPLICATION NUMBER: US 09/553,690
PRIOR FILING DATE: 2000-04-21
NUMBER OF SEQ ID NOS: 119
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 103
SEQ ID NO 103
SEQ ID NO 103
FER DNA
ORGANISM: Artificial Sequence
FERATURE:
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:primer SKB-3
US-09-840-743-103
                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Splice junction sequence
US-09-838-858-65
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PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR FILING DATE: 1998-05-28
PRIOR FILING DATE: 1996-12-13
PRIOR FILING DATE: 1996-12-13
PRIOR FILING DATE: 1996-12-13
PRIOR APPLICATION NUMBER: 60/008,317
                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 113
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 65
LENGTH: 20
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Best Local Similarity
Matches 17; Conserv
                                                     Matches
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mansfield,
APPLICANT: Mitchell,
APPLICANT: Garcia-Bla
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                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1995-12-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 09/158,863
                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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1953 ATCCACACGCTCTGGAACAT 1972
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                                                                           Similarity
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Garcia-Blanco, Mariano A.
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Pred. No. 6.5e+02
                                                                           Score 15.2; DB 1
Pred. No. 6.5e+02
                                                        Mismatches
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APPLICANT: Davis, Heather L.
APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schorr, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7057 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/965,101
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: US 09/082,649
PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
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; OTHER INFORMATION: synthetic oligonucleotide
US-09-965-101-25
; OTHER INFORMATION: antisense sequence US-10-057-550-28
                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/057,550
CURRENT FILING DATE: 2002-01-25
PRIOR APPLICATION UNMEER: 09/506,073
PRIOR FILING DATE: 2000-02-18
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: US 09/143,214
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: PCT/US98/13961
PRIOR APPLICATION NUMBER: PCT/US98/9392
PRIOR FILING DATE: 1998-07-06
PRIOR APPLICATION NUMBER: US 08/888,982
PRIOR FILING DATE: 1997-07-07
PRIOR APPLICATION NUMBER: US 08/756,806
PRIOR APPLICATION NUMBER: US 08/756,806
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                                                                                                                        NUMBER OF SEQ I
SEQ ID NO 28
LENGTH: 20
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Best Local Similarity
Matches 17; Conserv
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PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 08/250,856 PRIOR FILING DATE: 1994-05-31
                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1996-11-26
PRIOR APPLICATION NUMBER: PCT,
PRIOR FILING DATE: 1995-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
                                                                  ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                             FEATURE:
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Pred. No. 6.
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6.5e+02;
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US-10-017-995-38
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                                                                                                                                                                                           APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
FULE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION UNMBER: US 60/255,534
PRIOR PRILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 38
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 38, Applica Publication No. US20 GENERAL INFORMATION:
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                                    Matches
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Best Local (
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Publication No.
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Best Local Similarity
Matches 17; Conserva
                                                     Query Match
Best Local
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APPLICANT: Rerg, Daniel J.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
CURRENT FILING DATE: 2002-03-29
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                    FEATURE:
OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Synthetic Oligonucleotide
1357 TGCACGAGGGTCCTGAGTCT 1376
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Similarity 85.0%;
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                                    Conservative
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 Mismatches

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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02
                                                     Score 15.2; DB 1,
Pred. No. 6.5e+02
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                                                                        DB 1;
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                                                                        Length 20;
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Best Local Similarity
Matches 17; Conserv
                                                                                                                               SOFTWARE: PatentIn version 3.1
SEQ ID NO 43
LENGTH: 20
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Publication No. US20030104625A1
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                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/270,922
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: US 60/295,037
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: US 60/348,670
PRIOR FILING DATE: 2000-01-14
NUMBER OF SEQ ID NOS: 98
                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NO. US20030104625A1e1
FILE REFERENCE: 4-31704A/GTI
CURRENT APPLICATION NUMBER: US/10/081,969
CURRENT FILING DATE: 2002-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
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SOFTWARE: FastSEQ for Windows Version 3.0
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NAME/KEY: misc_feature LOCATION: (1)..(20)
                                                                                      ORGANISM: Artificial sequence
                                                         FEATURE:
OTHER INFORMATION: Viral vector
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                            FEATURE:
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Xie, Yuefeng
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Police, Seshidhar
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Gorziglia, Mario
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Pred. No. 6.5e+02;
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; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-010-002-81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE: ; OTHER INFORMATION: antisense sequence US-10-173-225B-27
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US-10-010-002-81
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CURRENT FILING DATE: 2002-12-06
PRIOR APPLICATION NUMBER: US 10/057,550
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 09/143,214
PRIOR APPLICATION NUMBER: US 09/143,214
PRIOR APPLICATION NUMBER: PCT/US98/13961
PRIOR APPLICATION NUMBER: PCT/US98/13961
PRIOR FILING DATE: 1998-07-06
PRIOR APPLICATION NUMBER: US 08/888,982
PRIOR APPLICATION NUMBER: US 08/756,806
PRIOR APPLICATION NUMBER: US 08/756,806
PRIOR FILING DATE: 1996-11-26
PRIOR FILING DATE: 1996-11-26
PRIOR FILING DATE: 1996-11-26
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Best Local S
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Publication No. US20030125277A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth Dobie
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SEQ ID NO 27
LENGTH: 20
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CURRENT FILING DATE: 2001-11-08
                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS FILE REFERENCE: RTS-0331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US95/07111
PRIOR FILING DATE: 1995-05-31
PRIOR APPLICATION NUMBER: US 08/250,856
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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Pred. No. 6.5e+02
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Pred. No. 6.5e+02;
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US-10-293-783-110/c
                                                                                                                                   ; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5858
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                                                                                                                                                                                 FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5858
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5858, Application US/10032585 Publication No. US20030180953A1 GENERAL INFORMATION:
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APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/10/293,783
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US/9/800,631
PRIOR APPLICATION NUMBER: US/9/657,346
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Terry, APPLICANT: Bo, J
                                                                                                                                                                                                                                                                                                  APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
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l Similarity 85.0%;
17; Conservative
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                            TCTTGGTACTTGGGACCCCA 4347
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Pred. No. 6.5e+02;
0; Mismatches
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                                                                Score 15.2; DB 1
Pred. No. 6.5e+02
0; Mismatches
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US-10-352-586-13
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-262-11
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SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 11, Application US/10302262 Publication No. US20030191300A1 GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-01-28
PRIOR APPLICATION NUMBER: 09/389,283
PRIOR FILING DATE: 1999-09-02
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.2
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/10352586 Publication No. US20030187240A1 GENERAL INFORMATION:
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Best Local Similarity
                                                                              Matches
                                                                                               Query Match
Best Local
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CURRENT APPLICATION NUMBER: US/10/302,262
CURRENT FILING DATE: 2002-11-21
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APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cook, Phillip Dan APPLICANT: Kawasaki, Andrew
                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/323,743
PRIOR FILING DATE: 1999-06-02
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 09/277,020 PRIOR FILING DATE: 1998-03-26 PRIOR APPLICATION NUMBER: 09/167,921 PRIOR FILING DATE: 1998-10-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US/09/734,846
PRIOR FILING DATE: 2000-12-12
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                      2830 GGGAGCTGGTGGTGAAGTTT 2849
20 GGGAGCTGGTGGTTGACTTT 1
                                                                                               Similarity
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                                                                              Conservative
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                                                                                               Score 15.2; DB 1;
Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
0; Mismatches 3
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               Sequence 39, Application US/10314578 Publication No. US20030212026A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 29
LENGTH: 20
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Publication No.
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Best Local (
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT ETLING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
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TITLE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID
TITLE OF INVENTION: 11-BETA DEHYDROGENASE 1 EXPRESSION
FILE REFERENCE: RTS-0428
CURRENT APPLICATION NUMBER: US/10/126,355
CURRENT FILING DATE: 2002-04-19
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PRIOR FILING DATE: 2000-08-23
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                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/227,436
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RESULT 632
US-10-424-233-41
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SEQ ID NO 93
LENGTH: 20
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 39
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Best Local Similarity
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CURRENT FILING DATE: 2003-03-18
PRIOR APPLICATION NUMBER: 09/676,610
PRIOR FILING DATE: 2000-09-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLECTIDE INHIBITION OF HER-1 EXPRESSION
FILE REFERENCE: RTSP-0187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Isis Pharmaceuticals, APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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Local Similarity 85.0%;
les 17; Conservation
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02
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Sequence 41, Application US/10424233

Publication No. US20030220263A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: NOVEL HUMAN LEUCINE-RICH REPEAT-CONTAINING PROTEINS SPECIFICALLY

TITLE OF INVENTION: EXPRESSED IN THE NERVOUS SYSTEM

FILE REFERENCE:

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Sequence 19, Application US/10173902

Publication No. US20030232769A1

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROFILE AREFERENCE: PTS-0044

CURRENT APPLICATION NUMBER: US/10/173,902

CURRENT FILING DATE: 2002-06-17
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US-10-173-902-19/c
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US-10-388-263-762/c
                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-10-388-263-762
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-424-233-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 762
LENGTH: 20
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Best Local
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APPLICANT:
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CURRENT FILING DATE: 2003-04-25
PRIOR APPLICATION NUMBER: U.S. 60/375,335
PRIOR FILING DATE: 2002-04-25
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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 NUMBER OF
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ORGANISM: Artificial Sequence
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l Similarity 85.0%;
17; Conservative
SEQ ID NOS:
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Henri M.
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                                                                                                                                                                                                                                                                                                   Score 15.2; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 15.2; DB 1;
Pred. No. 6.5e+02;
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                                                                PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1;
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SEQ ID NO 19
LENGTH: 20
TYPE DA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-902-19
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US-10-173-902-52
                                                              US-10-177-554-158
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                                                                                                                                                                                                                                                                                                                                                     RESULT 636
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                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION FILE REFERENCE: RTS-0370
CURRENT APPLICATION NUMBER: US/10/177,554
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 239
SEQ ID NO 158
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 74
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORCANTON
 Matches
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                                                                                                                                                                                                                                                                                                     Sequence 158, Application US/10177554 Publication No. US20030235911A1
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Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
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Publication No.
                             Query Match
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CURRENT APPLICATION NUMBER: US/10/173,902

CURRENT FILING DATE: 2002-06-17
                                                                                                                                                                                                                                                          APPLICANT: Kenneth W. Dobie APPLICANT: Hong Zhang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
                                                                            OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: H. FEATURE:
                                                                                            FEATURE:
                  Local
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                  Similarity
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Conservative
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85.0%;
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                Score 15.2; DB 1;
Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
 Mismatches
                               DB 1;
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                               Length 20;
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571 CCAGGACAGGCAAGGACGGG 590

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US-10-349-143-10608
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                                                 US-10-349-143-10608
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-349-143-10366/c
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LENGTH: 20
                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10608
LENGTH: 20
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Publication No. US20040005584A1
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Best Local
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APPLICANT: Cohen, D.
APPLICANT: Blumenf
APPLICANT: Chumako
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/42,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 60/109,732

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Chumakov, Ilya TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: primer_bind
                                                                     OTHER INFORMATION: downstream amplification primer 99-16751
                                                                                              NAME/KEY: primer_bind LOCATION: 1..20
                                                                                                                                                FEATURE:
                                                                                                                                                                  ORGANISM: Homo Sapiens
                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo Sapiens
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17; Conserv
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85.0%;
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  0.3%;
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Pred. No. 6.5e+02;
  Score 15.2;
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  DB
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  Length 20;
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US-10-190-366-210/c
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                                                          Query Match
Best Local S
Matches 17
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CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/190,366
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 210, Application No. US20 GENERAL INFORMATION:
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Best Local
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Matches 17; Conservat
                                                                                                                                                                                                                                                                                         APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
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                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE FILE REFERENCE: PTS-0023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kenneth W. Dobie TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION FILE REFERENCE: PTS-0023
                                                                                                                                               TYPE: DNA
ORGANISM: M. musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                       FEATURE:
                                                                                                                                                                                    LENGTH: 20
                4850 AGCTTGGGCTAGAGATGCCA 4869
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o. US20040006031A1
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                                                                         0.3%; Score 15.2; DB 1
85.0%; Pred. No. 6.5e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 15.2; DB 1;
Pred. No. 6.5e+02;
20
                                                             Mismatches
                                                                                           DB 1;
                                                                                         Length 20;
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RESULT 641 US-10-289-762-2051/c

Sequence 2051, Application US/10289762 Publication No. US20040006218A1 GENERAL INFORMATION:

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Sequence 2860, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2860
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-2860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
"Arches 17; Conserva
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TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2051
LENGTH: 20
TYPE: DNA
ROGANISM: Chlamydia pneumoniae
US-10-289-762-2051
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                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-199-675-75
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                                                                                                                                                             APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0371
CURRENT APPLICATION NUMBER: US/10/199,675
CURRENT FILING DATE: 2002-07-19
NUMBER OF SEQ ID NOS: 112
SEQ ID NO 75
LENGTH: 20
                                                                                                                                                                                                                                                                                              Sequence 75, Application US/10199675
Publication No. US20040014050A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Kenneth W. Dobie
Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                TYPE: DNA
                                                                                                             FEATURE:
                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4242
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   Conservative
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 Score 15.2; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 3
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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APPLICANT: Shenoy, Suresh G.
APPLICANT: Gorman, Linda
APPLICANT: Edinger, Shlomit R.
APPLICANT: Edinger, Shlomit R.
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
TITLE OF INVENTION: THE SAME
TILE OF INVENTION: THE SAME
TILE OF INVENTION: THE SAME
CURRENT FILING DATE: 2002-07-02
PRIOR APPLICATION NUMBER: 60/303,046
PRIOR FILING DATE: 2001-07-05
PRIOR APPLICATION NUMBER: 60/303,828
PRIOR FILING DATE: 2001-07-09
PRIOR APPLICATION NUMBER: 60/358,932
PRIOR APPLICATION NUMBER: 60/358,932
PRIOR APPLICATION NUMBER: 60/358,932
PRIOR APPLICATION NUMBER: 60/304,502
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 60/304,502
PRIOR APPLICATION NUMBER: 60/304,502
PRIOR APPLICATION NUMBER: 60/304,502
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 60/305,011
PRIOR APPLICATION DATE: 2001-07-12
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LUST Local Similarity 85.0%;
Matches 17; Conservation
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SEQ ID NO 65
LENGTH: 20
TYPE: DNA
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Publication No.
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
FILE REFERENCE: PTS-0040
CURRENT APPLICATION NUMBER: US/10/200,293
CURRENT FILING DATE: 2002-07-18
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APPLICANT:
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Hjalt, Tord
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Kekuda, Ramesh
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5. US20040029790A1
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Pred. No. 6.5e+02
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NUMBER OF SEQ ID NOS: 234
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/306,085
PRIOR FILING DATE: 2001-07-17
                                                                                                                                                                                                FILE REFERENCE: 21402-297D
CURRENT APPLICATION NUMBER: US/10/188,248
CURRENT FILING DATE: 2002-07-02
PRIOR APPLICATION NUMBER: 60/303,046
PRIOR FILING DATE: 2001-07-05
PRIOR APPLICATION NUMBER: 60/303,828
PRIOR APPLICATION NUMBER: 60/303,828
PRIOR APPLICATION NUMBER: 60/303,828
PRIOR FILING DATE: 2001-07-09
PRIOR FILING DATE: 2001-07-09
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APPLICANT: Gerlach, Valerie
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TITLE OF INVENTION: NOVEL HUMAN PROTEINS,
TITLE OF INVENTION: THE SAME
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                                                                                                                                                            PRIOR FILING DATE: 2002-02-22
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                                                   FILING DATE: 2001-07-11
APPLICATION NUMBER: 60/305,011
FILING DATE: 2001-07-12
APPLICATION NUMBER: 60/305,262
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                                                                                                                                           APPLICATION NUMBER:
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               APPLICATION NUMBER: 60/307,536
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Taupier Jr., Raymond J
Zerhusen, Bryan D.
Guo, Xiaojia Sasha
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Kekuda, Ramesh
Shimkets, Richard A.
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Gorman, Linda
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                                      2001-07-13
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85.0%;
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Pred. No. 6.5e+02;
0; Mismatches 3
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; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-449-237-2
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CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION UNMBER: 60/384,658
PRIOR FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: 60/405,546
PRIOR FILING DATE: 2002-08-22
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin version 3.1
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 129
LENGTH: 20
TYPE: DNA
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Publication No. US20040034206A1

GENERAL INFORMATION:

APPLICANT: Malcolm, Bruce

APPLICANT: Reyes, Gregory R. Zhou, Sifang

TITLE OF INVENTION: COMBINATION THERAPY FOR RNA VIRUS INFECTIONS

TITLE OF INVENTION: INVOLVING RIBAVIRIN AND IMPDH INHIBITORS
                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                        Sequence 59, Application US/10409107A Publication No. US20040053288A1
                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local S
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Best Local S
                                                     APPLICANT: YANAI, Yoshiaki
APPLICANT: YAMAMOTO, Shigeto
APPLICANT: YAMAMOTO, KOZO
APPLICANT: IKEGAMI, Hakuo
TITLE OF INVENTION: Method for estimating therapeutic
TITLE OF INVENTION: factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 60/308,228
PRIOR FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/323,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: ID01586-K-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2001-09-19
CURRENT APPLICATION NUMBER: US/10/409,107A
CURRENT FILING DATE: 2003-04-19
                                      FILE REFERENCE: YANAI=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artifical Sequence:
                                                                                                                                                                                                                                                                                                                                                     2991 GARACGCAGCTGCCCATCTA 3010
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Pred. No. 6.5e+02
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Pred. No. 6.5e+02;
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    See File Wrapper or PALM

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PRIOR APPLICATION NUMBER: JP 107126/2002

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RESULT 650
US-10-273-826-22/c
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                                                    ; OTHER INFORMATION: US-10-273-826-22
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PRIOR PILING DATE: 2003-09-07
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 60
LENGTH: 20
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                                                                                                                     SEQ ID NO 22
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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Query Match
Best Local Similarity
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE EXPRESSION
FILE REPERENCE: RTSP-0164
CURRENT APPLICATION NUMBER: US/10/363,828
CURRENT FILING DATE: 2003-03-06
                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/273,826
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                     APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RTS-0161
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TYPE: DNA
ORGANISM: Artificial
                                                                                      FEATURE:
                                                                                                   ORGANISM: Artificial Sequence
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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Pred. No. 6.5e+02;
0; Mismatches 3;
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Pred. No. 6.5e+02;
Score 15.2; DB 1;
Pred. No. 6.5e+02;
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RESULT 653
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US-10-274-347-22/c
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                                                                                                                                                                                                                                     SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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LENGTH: 20
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                                                                                                                                           Query Match
Best Local
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APPLICANT: Keith Glaser
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RTS-0264
CURRENT APPLICATION NUMBER: US/10/274,347
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RTS-0161
CURRENT APPLICATION NUMBER: US/10/273,826
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
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APPLICANT: Steven Davids
APPLICANT: Junling Li
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                                                                                               1674 CAGCAGATGAAGAACAAGCA 1693
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                                                                   20 CAGCAGCTCAAGAACAAGGA 1
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                                                                                                                                            Similarity
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                                                                                                                            Score 15.2; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 3
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Pred. No. 6.5e+02
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Sequence 33, Applica Publication No. US20 GENERAL INFORMATION:

Application US/10274347

US20040077084A1

APPLICANT: Andrew T. Watt APPLICANT: Steven Davids

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RESULT 655
US-10-300-424-120
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US-10-300-424-68/c
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                                                                    US-10-300-424-120
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CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 129
SEQ ID NO 68
LENGTH: 20
TYPEF TAXABLE PROPERTY.
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CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 33
LENGTH: 20
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Best Local Similarity
Matches 17; Conserv
                                                                                                                  APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
FILE REFERENCE: RTS-0437
CURRENT APPLICATION NUMBER: US/10/300,424
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 129
SEQ ID NO 120
LENGTH: 20
TYPE: DNA
Query Match 0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                            Sequence 120, Application US/10300424 Publication No. US20040096835A1
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Best Local Similarity
Matches 17; Conserv
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Publication No. US20040096835A1
                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RTS-0264
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                 ORGANISM: H. sapiens
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ORGANISM: Artificial Sequence
                                                                                     FEATURE:
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Keith Glaser
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Score 15.2; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 3;
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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                                Length 20;
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APPLICANT: Biber, Knut
APPLICANT: Biber, Knut
TITLE OF INVENTION: Cloning and expression of
FILE REFERENCE: 2183-6042US
CURRENT APPLICATION NUMBER: US/10/623,472
CURRENT FILING DATE: 2003-07-18
PRIOR APPLICATION NUMBER: ECT/NL02/00039
PRIOR FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: ED 01200181.4
PRIOR FILING DATE: 2001-01-18
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.1
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ROANISM: Artificial Sequence
                                                                                                                                                                                          FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: Patentin version 3.2
SEQ ID NO 1471
LENGTH: 20
TYPE: DNA
ORGANIEM: artificial
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Best Local Similarity
Matches 17; Conserva
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US-10-688-706-1471
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                                                                                                                                             ; OTHER INFORMATION: human GFAT antisense US-10-688-706-1471
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1471, Application US/10688706 Publication No. US20040102412A1 GENERAL INFORMATION:
                                                                       Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

APPLICANT: Broschat, Kay

TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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                                 423 CAGGTTGCAGTGGAGGGGCC 442
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1 CAGATTGAAGTGGAGGGTCC 20
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85.0%;
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Pred. No. 6.5e+02;
0; Mismatches 3;
                                                                                      Score 15.2; DB 1;
Pred. No. 6.5e+02;
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RESULT 660
US-10-477-435-16
Sequence 16, Application US/10477435
Publication No. US20040115688A1
GENERAL INFORMATION:
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; Sequence 22, Application US/10316232
; Publication No. US20040110144A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-316-232-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 55
LENGTH: 20
TYPE: DNA
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LENGTH: 20
TYPE: DNA
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APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF EMAP-II EXPRESSION
FILE REFERENCE: HTS-0074
CURRENT APPLICATION NUMBER: US/10/316,232
CURRENT FILING DATE: 2002-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 55, Application US/10316232
Publication No. US20040110144A1
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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Best Local Similarity 85.0
Matches 17; Conservative
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APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF EMAP-II EXPRESSION
FILE REFERENCE: HTS-0074
FILE REFERENCE: HTS-0074
APPLICANT: SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH APPLICANT: Cheung, Irene Y.
APPLICANT: Cheung, Nai-Kong V.
TITLE OF INVENTION: Detection of GD2 Synthase mRNA And Us
FILE REFERENCE: 652-A-PCT
FILE REFERENCE: 652-A-PCT
CURRENT APPLICATION NUMBER: US/10/477,435
CURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: US 60/290,527
PRIOR FILING DATE: 2001-05-11
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CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 72
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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Pred. No. 6.5e
0; Mismatches
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Pred. No. 6.
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es 3;
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RESULT 662
US-10-303-888-75
; Sequence 75, Applicat
; Publication No. US200
; GENERAL INFORMATION:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-588-44
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 Query Match
Best Local S
Matches 17
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SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                                  APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: HTS-0071
CURRENT APPLICATION NUMBER: US/10/303,588
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 78
SEQ ID NO 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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SEQ ID NO 16
IEBNGTH: 20
TYPE: DNA
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: HTS-0071
                                                                                                LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE:
NAME/KEY: primer_bind
LOCATION: (1)..(20)
OTHER INFORMATION: BAGE forward primer
                                                                                      FEATURE:
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   1 Similarity
17; Conserv
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               85.0%;
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Pred. No. 6.5e+02;
0; Mismatches 3
Score 15.2; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 3;
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Pred. No. 6.5e+02;
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1885 AGGAGTGGCTGGAGATCCTC 1904

AGGAGCTGCTGCAGATCCTC

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GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF AC
FILE REFERENCE: RTS-0331
CURRENT APPLICATION NUMBER: US/10/744,831
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: US/10/010,002
PRIOR APPLICATION NUMBER: US/10/010,002
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 81
LENGTH: 20
US-10-652-795-275
Sequence 275, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
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US-10-744-831-81
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                                                                                     RESULT 665
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                                                                                                                                                                                                                                                                                                                  US-10-671-395-648
                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 648
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 81, Application US/10744831 Publication No. US20040121977A1
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Best Local
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APPLICANT: Giere, James K
TITLE OP INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN
TITLE OP INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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nes 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAAGGAGCCAAGGGCCAGTG 20
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                                                                                                                                                                                                                                                    Score 15.2; DB 1; Length 20; Pred. No. 6.5e+02;
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PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR PELICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 275
LENGTH: 20
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                                                                                                                                                                       ; OTHER INFORMATION: Synthetic US-10-647-918-275
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CURRENT APPLICATION NUMBER: US/10/652,795

CURRENT FILING DATE: 2003-08-29

PRIOR APPLICATION NUMBER: US/09/824,3228

PRIOR FILING DATE: 2001-04-02

PRIOR APPLICATION NUMBER: US 09/313,932

PRIOR FILING DATE: 1999-05-18

PRIOR APPLICATION NUMBER: US 09/166,186

PRIOR APPLICATION NUMBER: US 09/166,186

PRIOR APPLICATION NUMBER: US 09/166,186

PRIOR FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 503
SEQ ID NO 275
LENGTH: 20
TYPE: DNA
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Publication No. US2
GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                 Best Local Similarity Matches 17; Conserv
                                                                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALITITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
CURRENT FILING DATE: 2003-08-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL-
TITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Baker,
                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                  FEATURE:
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                                        1602 AAGGAGAAGATCCTGCGGAA 1621
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AAGGAGAAGAGGCTGAGGAA 20
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5. US20040152652A1
                                                                                      Conservative
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                                                                                                        0.3%;
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85.0%; Pred. No. 6.5e+02;
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                                                                                      0; Mismatches
                                                                                                        Score 15.2; DB 1;
Pred. No. 6.5e+02;
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                                                                                                                                 DB 1;
                                                                                                                          Length 20;
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                                                                                      Gaps
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RESULT 667 US-10-641-455A-233 ; Sequence 233, Application US/10641455A

publication No. US20040171566A1

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FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR PILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PATENTIN VET: 2.0
SEQ ID NO 233
RESULT 669
US-10-476-962-33/c
; Sequence 33, Application US/10476962
; Publication No. US20040191904A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-476-021-45; Sequence 45, Application US/10476021; Publication No. US20040186069A1
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                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-45
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                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 45
LENGTH: 20
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Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
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TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS:
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/10/476,021
CURRENT FILING DATE: 2003-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2003-10-24
PRIOR APPLICATION NUMBER: US/09/844,634
PRIOR FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
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APPLICANT: McMay, Robert
APPLICANT: Mong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: C. Frank Bennett APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Monia, Brett
APPLICANT: Gaarde, Wil
                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                          4143 CTCCCGGGACCTCCTGCTGG 4162
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Nero, Pamela S.
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ilarity 85.0%;
Conservative
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Pred. No. 6.5e+02;
0; Mismatches 3;
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Pred. No. 6.5e+02;
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                                                                                                                                                                                                                                                           Length 20;
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RESULT 670
US-09-736-084-71/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 71, Application US/09736084 Patent No. US20020107211A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PRIOP APPLICATION NUMBER: US/09/860,473
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 85.0%;
Matches 17; Conservative
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/10/476,962
CURRENT FILING DATE: 2003-11-05
                    TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/736,084
FILING DATE: 13-Dec-2000
CLASSIFICATION: <UNFNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563
FILING DATE: NO. US20020107211A1ember 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
APTORNEY/ACENT INFORMATION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                          NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Flopp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
NUCLBIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 98 CORRESPONDENCE ADDRESS:
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STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 411 Hackensack Avenue
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Klauber & Jackson
                                                                                                                           TELEPHONE: 201 487-5800
                                                                                              201 343-1684
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Pred. No. 6.5e+02;
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TYPE: nucleic acid STRANDEDNESS: single

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APPLICANT: Goronzy, Jorg J.
APPLICANT: Weyand, Cornelia M.
TITLE OF INVENTION: RHEUWATOID ARTHRITIS MARKERS
FILE REFERENCE: 07039-251001
CURRENT APPLICATION NUMBER: US/09/816,814
CURRENT FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                               US-10-023-066A-45
Sequence 45, Application US/10023066A
Publication No. US20030056242A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 672
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7, Application US/09816814
Publication No. US20030027136A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
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nes 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3581 CCTGAGTTCCTTCCCTAAGC 3600
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SEQUENCE DESCRIPTION: SEQ ID NO:
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer
                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 10 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HYPOTHETICAL:
                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING THE LYSINE AND
                                                                                                                                                                                                                                                                                                                                              APPLICANT: E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            385 GGTGGCAGCAGCCGAGGCCA 404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             21 GCTGGAAGCAGCCGTGGCCA 2
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1 Similarity 85.0%;
17; Conservative
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                                                                                                                             CITY: WILMINGTON STATE: DELAWARE
                                                                                                                                                                               ADDRESSEE: E. I. DU PO
AND COMPANY
                                                                                                                                                                  STREET: 1007 MARKET STREET
                                                                                         ZIP: 19898
                                                                                                          COUNTRY: U.S.A.
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ilarity 85.0%;
Conservative
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Pred. No. 7e+02;
0; Mismatches
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; SEQUENCE DESCRIPTION: SEQ ID NO: 45: US-10-023-066A-45
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                                                                                                                                     US-10-214-932-117
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                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/214,932
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 133
SOFTWARE: PatentIn version 3.1
SEQ ID NO 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 17; Conservat
                                                                  Matches
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Publication No.
                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: HWANG, Inhwan
APPLICANT: KIM, Dae Heon
APPLICANT: LEE, Yong Jik
TITLE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
FILE REFERENCE: APBO2/US
                                                                                                                             FEATURE:
OTHER INFORMATION: Synthetic Sequence
FEATURE:
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(21)
OTHER INFORMATION: Platelet glycoprotein V thrombin cleavage sequence
                                                                                                                                                                                                                                             LENGTH: 21
TYPE: DNA
ORGANISM: Artificial
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INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/023,066A
FILING DATE: 29-Apr-2002
CLASSIFICATION: «Unknown»
ATTORNBY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: BB-1037-C TELECOMMUNICATION INFORMATION:
                     3844 CCCAGGCCCCGGTGCCGGCC 3863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2800 AGGAAGGAGAAATGAAGAA 2819
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                                                                  17;
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 CCCGGGCCCCGGGGCCCGCC 20
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
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LOCATION: 1..21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/10214932
                                                                  Conservative
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                                                                  0; Mismatches
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                                                                                    Score 15.2; DB Pred. No. 7e+02;
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Pred. No. 7e+02;
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                                                                                                    DB 1;
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                                                                                                    Length
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                                                                  Indels
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FILE REFERENCE: 25436/1565C
CURRENT APPLICATION NUMBER: US/10/435,766
CURRENT FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: US 10/223,650
PRIOR FILING DATE: 2002-08-19
PRIOR PPLICATION NUMBER: US 09/896,923
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 09/698,341
PRIOR APPLICATION NUMBER: US 09/698,341
PRIOR APPLICATION NUMBER: US 09/698,341
PRIOR FILING DATE: 2000-10-27
PRIOR PRIOR PRIOR NUMBER: US 09/62,600
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: US 07/US00/29706
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US-10-435-766-39/c
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US-10-168-080-7
                                                                                               ; OTHER INFORMATION: Synthetic oligonucleotide for GAPDH target amplification
US-10-435-766-39
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SOFTWARE: Patentin version 3.2

SEQ ID NO 39

LENGTH: 21
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LENGTH: 21
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       Matches
                                                Query Match
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TITLE OF INVENTION: NOVEL HUMAN RNA HELICASE, HELICAIN
FILE REFERENCE: 084335/0164
CURRENT APPLICATION NUMBER: US/10/168,080
CURRENT FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: PCT/JF00/08908
PRIOR FILING DATE: 2000-12-15
PRIOR FILING DATE: 2000-12-15
PRIOR APPLICATION NUMBER: JP 1999-357406
PRIOR FILING DATE: 1999-12-16
NUMBER OF SEQ ID NOS: 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hogrefe, Holly
APPLICANT: Hansen, Connie J
TITLE OF INVENTION: DNA Polymerase Mutants with Reverse Transcriptase Activity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SUGIHARA, TAKASHI APPLICANT: WADHWA, RENU
                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Synthesized Primer Sequence
                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
0.3%; Score 15.2; DB 1; Length 21;
Local Similarity 85.0%; Pred. No. 7e+02;
nes 17; Conservative 0; Mismatches 3; Indels
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Arezi, Bahram
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PRIOR APPLICATION NUMBER: 09/781,882
PRIOR APPLICATION NUMBER: 09/781,882
PRIOR FILING DATE: 2001-02-12
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 29
SOPTWARE: PASTSEQ for Windows Version 4.
SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-10-233-958-38/c
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TITLE OF INVENTION: Allelic Variants of HER
TITLE OF INVENTION: Thereof and Use in the
TITLE OF INVENTION: Predisposition for Disc
TITLE OF INVENTION: Predisposition for Disc
TITLE OF INVENTION: Provirus
FILE REFERENCE: 23135-504
FULE REFERENCE: 23135-504
CURRENT APPLICATION NUMBER: US/10/233,958
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/316,513
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-08-31
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SEQ ID NO 38
LENGTH: 21
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Publication No.
                                         Query Match
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Best Local
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APPLICANT: Millennium Pharmaceuticals, Inc.
TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305A1el Human
TITLE OF INVENTION: Protein Kinase and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/658,904
CURRENT FILING DATE: 2003-09-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
OTHER INFORMATION: primer
                                                                                                                      OTHER INFORMATION: siRNA target sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
y Match 0.3%; Score 15.2; DB Local Similarity 85.0%; Pred. No. 7e+02; hes 17; Conservative 0; Mismatches
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l Similarity 85.0%;
17; Conservative
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No. US20040048305A1
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No. US20040009468A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
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                                            DB 1; Length 21;
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Publication No. US20040058338A1

GENERAL INFORMATION:
APPLICANT: Agee et al.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-502C
CURRENT FILING DATE: 2002-12-02
NUMBER OF SEQ ID NOS: 682
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 657
LENGTH: 21
Type: 7...
                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/362,577
PRIOR FILING DATE: 2003-07-25
NUMBER OF SEQ ID NOS: 127
SOFTMARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 21
Type: ....
                                                                              RESULT 680
US-10-302-028-7/c
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US-10-383-864-12
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                                                                                                                                                                                                                                                                                US-10-383-864-12
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Best Local Similarity
Matches 17; Conserv
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
                                              Sequence 7, Application US/10302028 Publication No. US20040102392A1
                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: SIDRANSKY, David
TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED TUMOR SUPPRESSOR GENES
FILE REFERENCE: JHU1860-1
CURRENT APPLICATION NUMBER: US/10/383,864
CURRENT FILING DATE: 2003-07-25
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                            OTHER INFORMATION: PCR primer
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Pred. No. 7e+02;
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NUMBER OF SEQ ID NOS: 82

SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                            APPLICANT: Gleave, Martin
APPLICANT: Rocchi, Palma
APPLICANT: Signaevsky, Maxim
TITLE OF INVENTION: Compositions and Methods fo
TITLE OF INVENTION: Compositions and Methods fo
TITLE REFERENCE: PGL-031
FILE REFERENCE: USC.-031
CURRENT APPLICATION NUMBER: US/10/605,498
CURRENT FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR PILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/463,952
PRIOR APPLICATION NUMBER: US 60/463,952
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US-10-605-498-6
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US-10-672-794-26/c
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Best Local S
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SOFTWARE: Patentin version 3.1
SEQ ID NO 26
LENGTH: 21
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                                                                                                                                                                                                                                                                                 Sequence 6, Application US/10605498 Publication No. US20040127441A1
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Publication No. US20040126794A1
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TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
FILE REFERENCE: HTS-0060
CURRENT APPLICATION NUMBER: US/10/302,028
CURRENT FILING DATE: 2002-11-21
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TITLE OF INVENTION: Detection of Susceptibility
FILE REFERENCE: 1803-318-999
                PRIOR FILING DATE: 2003-04-18
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Artificial Sequence Type: Probe for HLA-A Allele
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17; Conserv
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85.0%;
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Pred. No. 7e+02;
0; Mismatches 3;
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RESULT 683
US-10-652-870-305/c
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; OTHER INFORMATION: Primer
US-10-652-870-305
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CURRENT FILING DATE: 2003-09-02
PRIOR APPLICATION NUMBER: US 10/652,870
PRIOR FILING DATE: 2003-09-02
NUMBER OF SEQ ID NOS: 329
SOFTWARE: PatentIn version 3.1
SEQ ID NO 305
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LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
                                                                  NUMBER OF SEQ ID NOS: 466
SOFTWARE: PatentIn Ver. 2.
SEQ ID NO 197
LENGTH: 22
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Best Local Similarity 85.0%;
Matches 17; Conservative
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Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                         APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use of
TITLE OF INVENTION: Said Markers
TILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
TYPE: DNA ORGANISM: Triticum aestivum -08-983-605-197
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APPLICANT: Bernfield, Liesel
APPLICANT: Bernfield, Liesel
APPLICANT: Metcalf, Benjamin
TITLE OF INVENTION: Novel Immunogenic Compositions for the Prevention and Treatment
TITLE OF INVENTION: Menigococcal Disease
FILE REFERENCE: 38523.000026
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APPLICANT: Fletcher, Leal
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ORGANISM: Artificial Sequence
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5. US20020066118A1
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b. US20040167068A1
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Pred. No. 7e
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; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-09-999-183-8
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                                                                                                           SEQ ID NO 34
SEQ ID NO 34
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PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: SegWin99
SEQ ID NO 8
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Best Local Similarity
Matches 17; Conservat
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Best Local Similarity 85.0%;
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CURRENT APPLICATION NUMBER: US/09/999,183
CURRENT FILING DATE: 2001-11-29
PRIOR ADDITORMAN
OTHER INFORMATION: Description of Artificial Sequence:Forward OTHER INFORMATION: primer 09-825-751A-34
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/225,693
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 85
                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/825,751A
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/194,314
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                 APPLICANT: Spytek, Kimberly A
APPLICANT: Rastelli, Luca
APPLICANT: Herrman, John L
TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-750
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                                                                                                                                                SOFTWARE: PatentIn Ver. 2.1
                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                             TYPE: DNA
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Taupier, Raymond J
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Pred. No. 7.5e+02;
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Pred. No. 7.5e+02
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RESULT 688
US-10-351-938-9/c
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; ORGANISM: homo sapiens MAP3 REV1.2 primer
US-10-299-867-32
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                                                                              OTHER INFORMATION: Description of Artificial Sequence:cleavage
US-10-351-938-9
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0.3%; Score 15.2; DB 1; Length 22; Best Local Similarity 85.0%; pred. No. 7.5e+02; Matches 17; Conservative 0. Minman-
                                                                                                                                                                      PRIOR APPLICATION NUMBER: US/09/552,950
PRIOR FILING DATE: 2000-04-20
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/10351938 Publication No. US20040009603A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: Sympson, Carolyn J.
APPLICANT: Aurora, Rajeev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 32 LENGTH: 22
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Publication No.
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Best Local
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Human methionine aminopeptidase type 3
FILE OF INVENTION: (hmetAP-3)
FILE REFERENCE: S03181-01-US
CURRENT APPLICATION NUMBER: US/10/299,867
CURRENT FILING DATE: 2002-11-19
FRIOR APPLICATION NUMBER: US 60/125,139
PRIOR PILING DATE: 1999-03-11
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 09/523,263
PRIOR FILING DATE: 1999-03-10
NUMBER OF SEQ ID NOS: 69
                                                                                                                                                                                                                                                                             APPLICANT: Oxford Biomedica (UK) Limited TITLE OF INVENTION: Anti-Viral Vectors FILE REFERENCE: 674524-2004
CURRENT APPLICATION NUMBER: US/10/351,938
CURRENT FILING DATE: 2003-01-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                  FEATURE:
                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                      TYPE: RNA
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Dotson, Stanton B.
Frazier, Ronald B.
Woods, Cynthia L.
Zakeri, Hamideh
Zhou, Xianzhi
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No. US20030203406A1
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Pred. No. 7.5e+02;
0; Mismatches 3
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Sequence 17, Application US/10639491

Publication No. US20040072230A1

GENERAL INFORMATION:
APPLICANT: HSIUNG, CHAO AGNES
APPLICANT: CHUANG, LEE-MING
APPLICANT: CHUANG, LEE-MING
APPLICANT: TAI, TONG-YUAN
TITLE OF INVENTION: HUMAN SORBSI GENETIC VARIATIONS CONTRIBUTE TO INSULIN
TITLE OF INVENTION: RESISTANCE, OBSSITY, TYPE 2 DIABETES AND HYPERTENSION
FILE REFERENCE: 8842.0007.00000
CURRENT APPLICATION NUMBER: US/10/639,491
CURRENT FILING DATE: 2003-08-13
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 17
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                                                                                                                                                                 ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Designed; OTHER INFORMATION: oligonucleotide primer for PCR US-10-697-036-83
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Publication No. US20040137594A1
GENERAL INFORMATION:
APPLICANT: Sumitomo Chemical Co., Ltd.
TITLE OF INVENTION: TRANSFORMED CELL WITH ENHANCED SENSITIVITY TO ANTIFUNGAL COMPOUN
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 078242
CURRENT APPLICATION NUMBER: US/10/697,036
CURRENT PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: JP 2002/317736
PRIOR APPLICATION NUMBER: JP 2002/317736
PRIOR FILING DATE: 2002-10-31
NUMBER OF SEQ ID NOS: 90
SOFTWARE: PatentIn version 3.2
SEQ ID NO 83
LENGTH: 22
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Best Local Similarity 85.0
                                                                                   Matches
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Best Local (
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                 n 0.3%; Score 15.2; DB 1; Similarity 85.0%; Pred. No. 7.5e+02;
CTCAGCAGGTCCTGCAGCTG 2
                                                                                   Conservative
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Pred. No. 7.5e+02
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                                                                                                                         Length 22;
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RESULT 691 US-10-415-570A-4

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Patent No. US20020119475A1
GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 22
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CURRENT APPLICATION NUMBER: US/10/415,570A
CURRENT FILING DATE: 2003-04-23
PRIOR APPLICATION NUMBER: PCT/GB01/04739
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: GB 0026114.9
PRIOR FILING DATE: 2000-10-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: New Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
NAME: Merchant, Mary Anthony REGISTRATION NUMBER: 39,771
REFERENCE/DOCKET NUMBER: 03038-0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 818-3700
TELEPHONE: (404) 818-3799
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/992,128
FILING DATE: 05-No. US20020119475A1-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/739,069
                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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COUNTRY: U.S.A.
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Smart, Darren
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Pred. No. 7.
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US-09-263-959-440/c
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                                                                                                         Patent No. 1920-1920 (GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Howen, Lee
APPLICANT: Koop, Ben F.
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS
TITLE OF GROUENCES: 1279
                                                                                                                                                                                                                                                         Sequence 440, Application US/09263959 Patent No. US20020150891A1
                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 24
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Best Local
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PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/658,904
CURRENT FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 09/781,882
PRIOR FILING DATE: 2001-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kapeller-Libermann, Rosana APPLICANT: Millennium Pharmaceuticals, Inc. TITLE OF INVENTION: 14171 Protein Kinase, A N TITLE OF INVENTION: Protein Kinase and Uses FILE REFERENCE: MPIOO-010P1RCP1M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: siRNA sense strand, nucleotides 1-21
OTHER INFORMATION: ribonucleic acid, nucleotides 22 and
OTHER INFORMATION: deoxyribonucleic acid.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                  STREET: Seattle
                                  ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: cDNA HYPOTHETICAL: YES
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                                   98104-7092
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                                                                  Washington
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                                                                                                      6300 Columbia Center,
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Pred. No. 8e+0
4; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15.2; DB Pred. No. 8e+02;
                                                                                                        701 Fifth Avenue
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Patent No. US2002
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Best Local Similarity
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                                                                                                                                       TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 712:
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                                                                                                                                                                      NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                        SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
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                                                                 STRANDEDNESS:
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FILING DATE: 05-MAR-1999
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                                                                                                     15 base pairs
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100.0%; Pred. No.
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n Release #1.0,
0.3%;
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DB 1;
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Query Match

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US-09-263-959-717/c
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                                                                                                                                                                 GENERAL INFORMATION
                                                                                                                                                                                  Publication No.
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Best Local &
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APPLICANT: Gray, Gary S.

TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN TITLE OF INVENTION: COSTIMULATORY RECEPTOR FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
                                                                                                                 APPLICANT: Ying, Vin APPLICANT: Wu, Paul APPLICANT: Gray, Ga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (206) 682-60 INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC COMPUTED:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: MCMASTERS, David D.
REGISTRACION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
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APPLICANT: KOOP, BEN F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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o. US20030054371A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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4.4e+02;
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US-10-056-229-143/c
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                                                                                                                                                                                                         RESULT 699
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-279
                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: consensus primer Consensus 5A,5B antisense
US-09-817-014-142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: EP 00870204.5
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 192
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 142
LENGTH: 16
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PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FAST-SEQ for Windows Version 4.0
SEQ ID NO 279
                                                                                                                          Sequence 143, Application US/10056229 Publication No. US20030198943A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 15; Conser
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                                                              APPLICANT: Remacle, Jose
APPLICANT: Hamels, Sandrine
APPLICANT: Zammatteo, Nathalie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/817,014
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00070055.1
PRIOR FILING DATE: 2000-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Alexandre, Isabelle
APPLICANT: De Longueville, Francoise
TITLE OF INVENTION: IDENTIFICATION OF BIOLOGICAL
TITLE OF INVENTION: (MICRO)ORGANISMS BY DETECTION OF THEIR HOMOLOGOUS NUCLEOTIDE
TITLE OF INVENTION: SEQUENCES ON ARRAYS
FILE REFERENCE: VANM213.001AUS
                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Remacle, Jose
APPLICANT: Hamels, Sandrine
APPLICANT: Zammatteo, Nathalie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 09/534,061 PRIOR FILING DATE: 2000-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%;
Local Similarity 100.0%;
hes 15; Conservation
                                                                                                                                                                                                                                                                                       2380 GGAGGGAGCAGAAGG 2394
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                                                                                                                                                                                                                                                                 GGAGGGAGCAGAAGG 1
Lockman, Laurent
Dufour, Sophie
Trandre, Isabelle
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Dufour, Sophie
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100.0%; Pred. No. 4.9e+02;
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US-10-628-525-28/c
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PRIOR
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PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: US 09/817,014
PRIOR FILING DATE: 2001-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/056,229
CURRENT FILING DATE: 2002-01-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: VANM213.001CP1 CURRENT APPLICATION NUMBER: US
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TITLE OF INVENTION: IDENTIFICATION A LARGE NUMBER OF
TITLE OF INVENTION: BIOLOGICAL (MICRO)ORGANISMS GROUPS AT DIFFERENT
TITLE OF INVENTION: LEVELS BY THEIR DETECTION ON A SAME ARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 321
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TYPE: DNA
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                    INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
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                                                                                                   PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/941,445
PILING DATE: 30-SEP-1997
APPLICATION NUMBER: US 60/026,855
PILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKET NUMBER: 89-97
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: EP 00870055.1 FILING DATE: 2000-03-24
                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/628,525
APPLICATION PATE: 28-U1-2003
CLASSIFICATION: 800
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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                                                               TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CO
                                                                                    TELEPHONE:
ENGTH:
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                                                               (303)
                                                                                    (303) 499-8080
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STRANDEDNESS: double
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TOPOLOGY: Not Relevant
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MOLECULE TYPE: CDNA to mRNA
SEQUENCE DESCRIPTION: SEQ ID NO:
US-10-628-525-28
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR PPLICATION NUMBER: DCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PRIOR PILING DATE: 2001-01-30
PRIOR PRIOR PRIOR DATE: 2001-01-30
PRIOR PRIOR PRIOR DATE: 2001-01-30
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SEQ ID NO 6403
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APPLICANT: JI,
APPLICANT: PEN
APPLICANT: HAN
APPLICANT: RAN
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                                               Query Match
                                                                                           ORGANISM: Homo sapiens -09-866-108-6403
                                                                                                                                                                                                                        PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2000-09-21 PRIOR APPLICATION NUMBER: US 60/266,860
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN
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    Local Similarity 100.0%; Ines 15; Conservative 0;
                                                                                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
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FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00665
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HANZEL, David K.
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                                                                                                                                                                                                 Sequence Listing Engine
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0.3%; Score 15; DB 1; Le:
100.0%; Pred. No. 5.4e+02;
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    Indels
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RESULT 702
US-09-866-108-6404
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-10-130
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Matches
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LENGTH: 17
                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 15752
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PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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APPLICANT: J
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00668
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00668
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00663
                                                                                       y Match 0.3%; Score 15; DB 1; Local Similarity 100.0%; Pred. No. 5.4e+hes 15; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00662 FILING DATE: 2001-01-30
                                 3058 AGATCAAGCTGCAGA 3072
                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
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JI, Yonggang
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                                                                                                                                           Length 17;
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RESULT 703 US-09-866-108-6405 ; Sequence 6405, Application US/09866108 ; Patent No. US20020048800A1 ; GENERAL INFORMATION:

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PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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US-09-866-108-6405
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                Sequence 552, Application US/09864785 Patent No. US20020177568A1 GENERAL INFORMATION:
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SEQ ID NO 6405
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Best Local
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             APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of INVENTION: Levels of NF-Kappa B
FILE REFERENCE: 400/022 (MBHB00-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
NUMBER OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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APPLICATION NUMBER: US 60/266,860
FILING DATE: 2001-02-05
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FILING DATE: 2001-01-30
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15; Conserv
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ID NOS:
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llarity 100.0%;
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EL, David K.
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Pred. No.
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; SOFTWARE: PatentIn version 3, SEQ ID NO 4973; LENGTH: 17; LENGTH: 17; TYPE: RNA; ORGANISM: Homo sapiens US-10-156-306-4973
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US-10-156-306-4973/c
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US-10-156-306-4972
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SEQ ID NO 552
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                        Publication No. US20 GENERAL INFORMATION:
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GENERAL INFORMATION
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                                                                                                                                                                                                    APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
                                                                                                                                                                                                                                                                                                          APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James
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CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
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4042 GGCCACCAGGGCCTC 4056
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100.0%; Pred. No.
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SEQ ID NO 2
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-2
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of
FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
COUNTAINS: DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
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; ORGANISM: Homo sapiens
US-10-156-306-6977
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 6977
LENGTH: 17
                                                                                      Sequence 8013, Application US/10138674 Publication No. US20040077565A1 GENERAL INFORMATION:
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Best Local Similarity 100.0%; Pred. No. 5.4e+C
Matches 15; Conservative 0; Mismatches
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                                            APPLICANT: Ribozyme Pharmaceuticals, Inc APPLICANT: Pavco, Pam
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McSwiggen, Jim
Stinchcomb, Dan
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100.0%; Pred. No. 5.4e+02;
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHHH00-976-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOPTWARE: Patentin version 3.0
LENGTH: 17
TYPE: RNA
ORGANISN: Homo Sapiens
US-10-287-949A-8013
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 8013
LENGTH: 17
TYPE: RNA
                                                                                                                                                                                                                                                                                                                  Sequence 6403, Application US/10723361 Publication No. US20040137589A1
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Best Local S
                                                                                APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
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CURRENT FILING DATE: 2002-05-03
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Similarity 86.7%;
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RESULT 712
US-10-723-361-6404
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                                                                CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR PELLING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
APPLICANT: Shar
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ORGANISM: Homo sapiens
-10-723-361-6403
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 15755
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                     FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00667
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RESULT 714 US-09-811-492-19

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo s
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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SEQ ID NO 6404
'LENGTH: 17
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Publication No.
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Best Local Similarity
Matches 15; Conserv
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE
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                                                                        Local
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00664
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                                                                         Similarity
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                                                           Conservative
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Pred. No.
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5.4e+02;
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GENERAL INFORMATION:

APPLICANT: Haydock, Paul V.

APPLICANT: U'Ren, Jack

APPLICANT: U'Ren, Jack

APPLICANT: Saigene Corporation

TITLE OF INVENTION: Nucletc Acid Amplification Using an RNA Polymerase and

TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products

FILE REFERENCE: 018048-001710US

CURRENT APPLICATION NUMBER: US/10/077,383

CURRENT FILING DATE: 2002-02-15

PRIOR APPLICATION NUMBER: US 60/296,812

PRIOR FILING DATE: 2001-06-07

NUMBER OF SEQ ID NOS: 33

SOPTWARE: Patentin Ver. 2.1

SEQ ID NO 27
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; MOLECULE TYPE: DNA (genomic);
; SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-811-492-19
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENIT NE PLEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/811,492
FILING DATE: 19-Jul-2001
CLASSIFICATION PATA:
APPLICATION NUMBER: US 08/657,884
FILING DATE: 07-JUN-1996
APPLICATION NUMBER: US 08/657,884
FILING DATE: 07-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 555-46
TELEPAN: (703) 816-4000
TELEPAN: (703) 816-4100
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTIS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-077-383-27/c
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Publication No. US20020068703A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 27, Application US/10077383 Publication No. US20030050444A1
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Best Local Similarity
TYPE: DNA ORGANISM: Artificial Sequence
                                                   LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
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TYPE: nucleic acid
STRANDEDNESS: single
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100.0%; Pred. No.
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NUMBER OF SEQ ID NOS: 11796 SEQ ID NO 6558

ORGANISM: Homo Sapiens FEATURE:

TYPE: DNA

ENGTH:

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; OTHER INFORMATION: Description of Artificial Sequence:spacer sequence; OTHER INFORMATION: standard structure of AMPO11 Primer US-10-077-383-27
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CURRENT FILING DATE: 2003-02-04
PRIOR APPLICATION NUMBER: 260/MAS/2002
PRIOR FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.1
SEQ ID NO 35
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6558, Application US/10349143
Publication No. US20040005584A1
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Best Local Similarity
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: BARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: BARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Ma. APPLICANT: Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Centre For DNA Fingerprinting and Diagnostics TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a meth TITLE OF INVENTION: primers and markers for identifying genetic constitution and TITLE OF INVENTION: varities.

FILE REFERENCE: 782-indian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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100.0%; Pred. No. 6.9
1ve 0; Mismatches
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APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
FRIOR APPLICATION NUMBER: WS 10/664,668
PRIOR APPLICATION NUMBER: WS 10/664,668
PRIOR FILING DATE: 2003-09-18
FRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2003-07-29
FRIOR FILING DATE: 2003-07-29
FRIOR FILING DATE: 2003-07-29
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; ORGANISM: Rattus norvegicus
US-10-235-463-19
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Best Local Similarity
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Publication No. US20040043448A1
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PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: SWEDEN 9800864-2
PRIOR FILING DATE: 1998-03-16
PRIOR APPLICATION NUMBER: SWEDEN 9802575-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 09/242,608
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: PCT/SE98/01947
PRIOR FILING DATE: 1998-10-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 06275-165002
CURRENT APPLICATION NUMBER: US/10/235,463
CURRENT FILING DATE: 2003-01-10
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TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES
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LOCATION: 1..19
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1998-07-17
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Pred. No.
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Pred. No.
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CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR APPLICATION NUMBER: US 10/287,949
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Matches
Remaining Prior Application data
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1820
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth FaTITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic
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                                                                                   PRIOR APPLICATION NUMBER: US 60/386,782 PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Gene Expression Using FILE REFERENCE: 400/131 (MBHB02-742-F)
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ORGANISM: Artificial Sequence
FEATURE:
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nes 12; Conserv
                                                                                                                         APPLICATION NUMBER: PCT/US 02/17674
FILING DATE: 2002-05-29
APPLICATION NUMBER: US 60/358,580
FILING DATE: 2002-02-20
APPLICATION NUMBER: US 60/363,124
FILING DATE: 2002-03-11
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FILLING DATE: 2002-03-11
APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                          FILING DATE: 2002-11-04
APPLICATION NUMBER: US 10/306,747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/358,580 FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US 02/17674 FILING DATE: 2002-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 10/306,747 FILING DATE: 2002-11-27
                                                                                                                                                                                                                                                    FILING DATE: 2002-11-27
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Pred. No. 6.5e
3; Mismatches
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6.5e+02;
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                                                             File Wrapper or
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US-10-665-951-1820
                                                                                                                                                                                                                                                                                                                                                                           US-09-263-959-1097
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Best Local Similarity
Matches 15; Conser
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SOFTWARE: PatentIn Ver. 2.
SEQ ID NO 53
LENGTH: 20
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Best Local Similarity 100.0%;
Matches 15; Conservative
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PRIOR APPLICATION NUMBER: US 09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR FILING DATE: 1999-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: ISPH-545
CURRENT APPLICATION NUMBER: US/09/802,669
CURRENT FILING DATE: 2001-03-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wyatt, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
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                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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                                                     ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS: Seed and
                                                                                                                                                                                                                                 APPLICANT: ROWEN, LEE
APPLICANT: KOOD, BEN F.
APPLICANT: KOOD, BEN F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
                                                                                                                                                                                                                                                                                                  APPLICANT:
                                        COMPUTER:
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                                                                                                                COUNTRY:
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                                                                                                                  Washington : US
                                                                                                                                                                      E: Seed and Berry LLP
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                  Hood, Leroy E
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00.0%; Pred. No.
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Pred. No. 6.5e+02;
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   Version #1.25
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NUMBER OF SEQ ID NOS: 243
SOFTWARE: KopatentIn 1.71
SEQ ID NO 113
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: KR 10-199-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 2000-04-07
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US-10-448-836-113/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 113, Application US/10448836 Publication No. US20030207313A1
                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd. APPLICANT: KIM, Cheol Min APPLICANT: PARK, Hee Kyung TITLE OF INVENTION: Oligonucleotide for detection FILE REFERENCE: PP05020/PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                               FEATURE:
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NAME: McMasters, David I
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 3,963
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
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                                                                                                   Local
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TYPE: nucleic acid
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                                       1986 CTGGCCAAGCCTGAG 2000
19 CTGGCCAAGCCTGAG
                                                                                 l Similarity
15; Conserv
                                                                               Conservative
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                                                                                                       Score 15; ; Pred. No.
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Pred. No.
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                                                                                    Mismatches
                                                                                                                           DB 1;
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                                                                                                                         Length 20
                                                                                                                                                                                       for detecting Mycobacterium szulgai
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RESULT 724 US-10-448-914A-113/c

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Sequence 106, Application US/10476021
| Publication No. US20040186069A1
| GENERAL INFORMATION:
| APPLICANT: C. Frank Bennett
| APPLICANT: Andrew T. Watt
| TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
| FILE REPRENCE: RTS-0216
| CURRENT APPLICATION UNMBER: US/10/476,021
| CURRENT FILING DATE: 2003-10-24
| PRIOR PILING DATE: 2001-04-27
| NUMBER OF SEQ ID NOS: 174
| SEQ ID NO 106
| LENGTH: 20
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Publication No. US20030188326A1
GENERAL INFORMATION:
APPLICATION NO. US20030188326A1
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SU
TITLE OF INVENTION: DEFECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF
FILE REFERENCE: 7032/2055
CURRENT APPLICATION NUMBER: US 09/998,027
PRIOR PLING DATE: 2000-11-02
PRIOR PLING DATE: 2000-11-03
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100.0%; Pred. No. 7.6e+02;
ive 0; Mismatches 0; Indels
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100.0%; Pred. No. 7e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
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ative 0;
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                                             1326 TCATCCATTGAAGAC 1340
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ORGANISM: Artificial Sequence
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SOFWARE: Patentin version 3.1
SEQ ID NO 244
LENGTH: 21
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Best Local Similarity 100.0
Matches 15; Conservative
                                                                        15; Conservative
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Matches 15; Conserva
                                                                                                                                                RESULT 726
US-10-476-021-106/c
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US-10-418-182-109/c
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US-10-165-099-244
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                                                                          ; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium szulgai
US-10-448-914A-113
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APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Marcusson, Eric G.
APPLICANT: Watt, Jacqueline
APPLICANT: Watt, Jacqueline
APPLICANT: Watt, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: 1SPH-545
CURRENT APPLICATION NUMBER: US/10/619,220
CURRENT FILING DATE: 2001-03-01-14
FRIOR APPLICATION NUMBER: US 09/665,615
FRIOR APPLICATION NUMBER: US 09/665,615
FRIOR APPLICATION NUMBER: US 09/290,640
FRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PatentIn Ver. 2.0
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100.0%; Pred. No. 7e+02;
tive 0; Mismatches 0; Indels
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                     Sequence 113, Application US/10448914A
Publication No. US20030235856A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 53, Application US/10619220
Publication No. US20040033979A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 15; Conservative
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LENGTH: 20
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) OTHER INFORMATION: consensus primer APcons3-1
US-09-817-014-27
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Lockman, Laurence
Dufour, Sophie
Alexandre, Isabelle
De Longueville, Francoise
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                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT:
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APPLICANT:
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Sequence 109, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
TITLE OF INVENTION: UNIVERRAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT APPLICATION NUMBER: 60/330.416
PRIOR PILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: PASECS for Windows Version 4.0
SEQ ID NO 109
SEQ ID NO 109
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TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
FRIOR APPLICATION NUMBER: 60/373,558
FRIOR APPLICATION NUMBER: 60/373,558
SOFTHING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTHARE: FRRESEQ for Windows Version 4.0
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0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 42.9%; Pred. No. 7.6e+02;
Matches 9; Conservative 11; Mismatches 1; Indels
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Best Local Similarity 42.9%; Pred. No. 7.6e+02;
Matches 9; Conservative 11; Mismatches 1.
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APPLICANT: Remacle, Jose
APPLICANT: Hamels, Sandrine
APPLICANT: Lammatte, Nathalie
APPLICANT: Lockman, Laurence
APPLICANT: Dufour, Sophie
APPLICANT: Alexandre, Isabelle
APPLICANT: Alexandre, Isabelle
APPLICANT: De Longueville, Francoise
TITLE OF INVENTION: IDENTIFICATION OF BIOLOGICAL
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Publication No. US20030228302A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: oligonucleotide US-10-418-182-109
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                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 21
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RESULT 731

US-10-357-488-6/c

Sequence 6, Application US/10357488

Sequence 6, Application US/10357488

Sequence 6, Application World 1020030194730A1

GENERAL INFORMATION:
APPLICATY: Centre For DNA Fingerprinting and Diagnostics
TITLE OF INVENTION: Varities
TITLE OF INVENTION: varities.
TITLE OF INVENTION: varities.
FILE REFERENCE: 782-indian
CURRENT APPLICATION NUMBER: US/10/357,488

CURRENT APPLICATION NUMBER: US/10/357,488

CURRENT APPLICATION NUMBER: 2003-02-04

SPRIOR FILING DATE: 2003-02-04

SPRIOR FILING DATE: 2002-04-08

NUMBER OF SEQ ID NOS: 37

SEQ ID NO 6

LENGTH: 22
TITLE OF INVENTION: (MICRO)ORGANISMS BY DETECTION OF THEIR HOMOLOGOUS NUCLEOTIDE TITLE OF INVENTION: SEQUENCES ON ARRAYS
FILE REFERENCE: VANNA13.001AUS
CURRENT APPLICATION NUMBER: US/09/817,014
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00870055.1
PRIOR APPLICATION NUMBER: EP 00870204.5
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 192
SEQ THANE: PSECSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 22
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US-10-357-488-6
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0.3%; Score 15; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 22
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APPLICANT:
APPLICANT:
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                                               APPLICANT: MacDougall, John R.
APPLICANT: Rothenberg, Mark E.
TITLE OF INVENTION: NO. 2220040030110A1el Proteins and Nucleic Acids Encoding
FILE REFERENCE: 21402-322C
CURRENT APPLICATION NUMBER: US/10/114,270
CURRENT FILING DATE: 2002-11-27
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CURRENT APPLICATION UNMBER: 2002-01-23
PRIOR APPLICATION NUMBER: EP 00870055.1
PRIOR FILING DATE: 2000-03-24
PRIOR PPLICATION NUMBER: EP 00870204.5
PRIOR APPLICATION NUMBER: EP 00870204.5
PRIOR APPLICATION NUMBER: EP 00870204.5
PRIOR APPLICATION NUMBER: US 09/817,014
PRIOR APPLICATION NUMBER: US 09/817,014
PRIOR APPLICATION NUMBER: US 09/817,014
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NUMBER OF SEQ ID NOS: 321
PRIOR APPLICATION NUMBER: 60/281,086
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
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OTHER INFORMATION: consensus primer APcons3-1
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Shenoy, Suresh G.
Pena, Carol E.A.
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Miller, Charles E.
Malyankar, Uriel M.
Spytek, Kimberly A.
Patturajan, Meera
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Burgess, Catherine E.
Gerlach, Valerie
Padigaru, Muralidhara
Shimkets, Richard A.
Gangolli, Esha A.
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Rastelli, Luca
Edinger, Shlomit R.
Stone, David J.
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Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        n, Bryan D.
Linda
                                                                                                                                                                                                                                      David W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15; DB 1;
Pred. No. 8.1e+02;
3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 22;
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RESULT 734
US-09-815-242-1
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CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PRIOR PRICING DATE: 2000-03-21
PRIOR PRILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR PILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR PILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR PILING DATE: 2000-11-27
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SEQ ID NO 1
LENGTH: 23
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - See File Wrapper or P
NUMBER OF SEQ ID NOS: 470
SEQ ID NO 402
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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APPLICANT:
APPLICANT:
                                                                                       PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEO ID NOS: 14110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/283,710
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/284,234
PRIOR FILING DATE: 2001-04-17
                                                                      SOFTWARE: FastSEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Identification of Essential Genes
TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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OR APPLICATION NUMBER: 60/282,020
OR FILING DATE: 2001-04-06
OR APPLICATION NUMBER: 60/282,930
OR FILING DATE: 2001-04-10
OR APPLICATION NUMBER: 60/282,934
OR APPLICATION NUMBER: 60/282,934
OR FILING DATE: 2001-04-12
OR FILING DATE: 2001-04-12
OR FILING DATE: 2001-04-12
OR FILING DATE: 2001-04-12
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FILING DATE: 2001-04-05
APPLICATION NUMBER: 60/281,906
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υς200:
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US20020061569A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Wall, Daniel
Trawick, John D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Zyskind, Judith
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; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
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. 8.1e+02;
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; FEATURE:
; OTHER INFORMATION: DNA primer
US-09-815-242-1
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; ORGANISM: Homo sapiens
US-09-964-261-69
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Publication No. US20030008284A1
GENERAL INFORMATION:
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SEQ ID NO 69
LENCTH: 23
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 93 LENGTH: 23
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Anne
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Publication No. US20020197613A1
Query Match
                                                                                                                                                                                                                                                                                 APPLICANT: Kennedy, Giulia
APPLICANT: Kang, Sammao
APPLICANT: Reinhard, Christoph
APPLICANT: Jefferson, Anne Bennett
TITLE OF INVENTION: POLYNUCLEOTIDES
FILE REFERENCE: 2300-1663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/964,261
CURRENT FILING DATE: 2001-09-25
FRIOR APPLICATION NUMBER: EP 99870068.6
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 60/138,614
PRIOR FILING DATE: 1999-06-11
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                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/883,152
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/211,835
PRIOR FILING DATE: 2000-06-15
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TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
FILE REFERENCE: IGJ-002
                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 446
                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                     OTHER INFORMATION: Synthetic oligonucleotide
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78.3%;
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Pred. No. 8.6e+02;
Score 15;
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Pred. No. 8.6e+02;
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DB 1;
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Length 23;
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GENERAL INFORMATION:

APPLICANT: Haselbeck, Robert
APPLICANT: Wall, Daniel
APPLICANT: Wall, Daniel
APPLICANT: Gross, Molly
TITLE GOF INVENTION: BACTERIAL PROMOTERS AND METHODS OF USE
FILE REFERENCE: ELITRA.010A
CURRENT APPLICATION NUMBER: US/10/032,393
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/259,434
PRIOR FILING DATE: 2000-12-27
APRIOR FILING DATE: 2000-12-39
PRIOR APPLICATION NUMBER: 09/948,993
PRIOR APPLICATION NUMBER: 09/948,993
PRIOR APPLICATION NUMBER: 00/230,335
PRIOR APPLICATION NUMBER: 00/230,335
PRIOR APPLICATION NUMBER: 00/230,335
PRIOR FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 23
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                                                                                  ; OTHER INFORMATION: pXyl-T5F primer US-10-032-393-24
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US-10-032-393-24
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US-10-060-759A-5
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; LENGTH: 23
; TYPE: DNA
; ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5, Application US/10060759A Publication No. US20030018014A1 GENERAL INFORMATION:
Query Match 0.3
Best Local Similarity 78.3
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 24, App
Publication No.
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Matches 18;
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FILE REFERENCE: 701586/50174-DIV
CURRENT FAPLICATION NUMBER: US/10/060,759A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: 09/423,349
PRIOR PILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: PCT/US99/21518
PRIOR FILING DATE: 1999-09-17
PRIOR APPLICATION NUMBER: 60/101,721
PRIOR APPLICATION NUMBER: 60/101,721
PRIOR APPLICATION NUMBER: 60/101,721
PRIOR PILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 8
SOFTMARE: Patentin version 3.1
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                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                 FEATURE:
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  0.3%; Score 15; DB 1; L
78.3%; Pred. No. 8.6e+02;
tive 0; Mismatches 5;
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Pred. No.
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0; Mismatches 5;
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                                          Length 23;
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    Indels
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                                                                                                                                CURRENT APPLICATION NUMBER: US/10/291,249
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR FILING DATE: 2000-12-04
PRIOR FILING DATE: 1999-03-28
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
PRIOR PRIOR DATE: 1998-03-28
PRIOR PRILING DATE: 1998-03-28
PRIOR PRILING DATE: 1998-03-28
PRIOR PRILING DATE: 1998-03-28
PRIOR PRILING DATE: 1998-11-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/10291249 Publication No. US20030119041A1
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                                                                    SEQ ID NO 3
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                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US.B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: T6678.US.A
CURRENT APPLICATION NUMBER: US/10/291,230
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR FILING DATE: 2000-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
PRIOR APPLICATION NUMBER: US 60/079,792
PRIOR FILING DATE: 1998-03-28
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                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/107,504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Chen, Zhidong
TITLE OF INVENTION DIRECTED Antisense Libraries:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lil
OTHER INFORMATION: raries.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                        TYPE: DNA
DRGANISM: Artificial Sequence
                                                ENGTH:
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                                                                                            PatentIn version 3.1
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Pred. No. 8.6e+02;
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; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-189
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US-10-291-249-3
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer Sequence
US-10-254-676-24
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US-10-254-676-24/c
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                                                                                                                             SOFTWARE: FastSEQ for Windows Version SEQ ID NO 189
                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION
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Best Local Similarity
Matches 18; Conserv
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Publication No. US/20030148329A1
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Query Match
Best Local Similarity
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                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/133,779
CURRENT FILING DATE: 2002-04-25
PRIOR APPLICATION NUMBER: US/09/747,391
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
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PRIOR FILING DATE: 2002-09-26
UNMBER OF SEQ ID NOS: 47
SOFTWARE: Page 1000-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: VARIANTS OF ALPHA-FETOPROTEIN CODING AND TITLE OF INVENTION: EXPRESSION SEQUENCES FILE REFERENCE: 320727-50801
CURRENT APPLICATION NUMBER: US/10/254,676
CURRENT FILING DATE: 2002-09-26
                                                                                                                                                                                                                                                                                           APPLICANT: Tonai, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KUBOTA, Hiroshi et al-
APPLICANT: STORMS, Robert W.
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Chow, Robert
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                                                                                                                                                                    NUMBER OF SEQ ID NOS:
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REID, Lola M.
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Pred. No. 8.6e+02;
0; Mismatches 5
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Pred. No. 8.
 Score 15; DB 1;
Pred. No. 8.6e+02;
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APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 4064
LENGTH: 23
TYPE: 7...
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CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: 60/347,285
PRIOR FILING DATE: 2002-01-10
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 23
RESULT 745
US-10-282-122A-78588
; Sequence 78588, Application US/10282122A
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                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4064
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Best Local Similarity 78.3%;
Matches 18; Conservative
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                                                                                                                                                                                     Matches 18;
                                                                                                                                                                                                                            Query Match
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TITLE OF INVENTION: Use of Soluble Gamma Delta T Cell Receptors for Regulating T Cel
TITLE OF INVENTION: Function
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: O'Brien, Rebecca
APPLICANT: Born, Willi
APPLICANT: Roark, Christin
APPLICANT: Aydintug, M. Ke
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 2879-89
                                                                                                                                                                                                          Local Similarity
                                                                                                                                           1721 CACCATCTTCATCGGCACCTGGA 1743
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Pred. No. 8
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                                                                                                                                                                                     0; Mismatches
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Pred. No. 8.6e+02;
Pred. No. 8.6e+02;
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                                                                                                                                                                                                                                                                                                           RESULT 746
US-10-398-757-13
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; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-10-282-122A-78588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: 05/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-05
PRIOR PRIOR PRION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-05
PRIOR PILING DATE: 2000-09-05
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/257,931
        SEQ ID NO 13
LENGTH: 23
TYPE: DNA
                                                                                                                                                                                                                                             Sequence 13, Application US/10398757 Publication No. US20040029247A1 GENERAL INFORMATION:
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                                                                          APPLICANT: Bayer AG
TITLE OF INVENTION: REGULATION OF HUMAN ADENYLATE CYCLASE, TYPE
FILE REFERENCE: RCK-6 Foreign Countries
CURRENT APPLICATION NUMBER: US/10/398,757
CURRENT FILING DATE: 2003-04-10
PRIOR APPLICATION NUMBER: US 60/241,306
PRIOR PILING DATE: 2000-10-18
NUMBER OF SEQ ID NOS: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614 . SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                  SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Match 0.3%;
Local Similarity 78.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/267,636
FILING DATE: 2001-02-09
APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                                                                                                              1925 CACCAGTGTGACTTTTAAAACAG 1947
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Malone, Cheryl
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Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Yamamoto, Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Trawick, John
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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Pred. No. 8.6e+02;
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Length 23;

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                                                                                                                             Sequence 364, Application US/09232785
; Sequence 364, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENITON: MICROSATELITE DNA MARKERS AND USES
; TITLE OF INVENITON: THEREOF
; TILE OF INVENITON: THEREOF
; FILE REFERENCE: 4481/1E188US1
; CURRENT PAPPLICATION WUMBER: US/09/232,785
; CURRENT PAPLICATION NUMBER: 09/232,884
; PRIOR PILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE FaalsEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%; Score 15; DB 1; Length 33; 67.7%; Pred. No. 1.38+03; Live 0; Mismatches 10; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-232-785-365
; Sequence 365, Application US/09232785
; Publication No. US20030049612A1
; Publication No. US20030049612A1
; APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S.
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOFF
; FILE REFERENCE: 1999-01-19
; CURRENT APPLICATION NUMBER: US/09/232, 884
; PRIOR APPLICATION NUMBER: 09/232, 884
; PRIOR FILING DATE: 1999-01-15
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SOFTWARE: FastSEQ for Windows Version 3.0
2840 GGTGAAGTTTGGTGAGACTCTTC 2862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 67, Application US/10418182; Publication No. US20030228302A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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CRGANISM: Pinus taeda L.
US-09-232-785-365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA; ORGANISM: Pinus taeda L. US-09-232-785-364
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               21;
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US-10-418-182-67
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                                                                                                                          Length 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8.6e+02;
ches 5; Indels
                                                                                                                                                                     5; Indels
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mead, David A.
APPLICANT: Mead, David A.
APPLICANT: Godiska, Ronald
TITLE OF INVENTION: CLONING VECTORS AND VECTOR COMPONENTS
FILE REFERENCE: MICRO-06635
CURRENT APPLICATION NUMBER: US/10/001,052
CURRENT FILING DATE: 2011-11-15
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.1
EBNGTH: 23
                                                                                                                        Query Match 0.3%; Score 15; DB 1; I
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%; Score 15; Best Local Similarity 78.3%; Pred. No. Matches 18; Conservative 0; Mismatcl
                                                                                                                                                                                                               1666 AGCTCCTGCAGCAGATGAAGAAC 1688
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                                                                                                                                                                                                                                                                                                                                          US-10-001-052-48/c
; Sequence 48, Application US/10001052
; Publication No. US20040038401A1
                                      i NAME/KEY: misc feature
i OTHER INFORMATION: Primer: AC5-L
US-10-398-757-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic US-10-001-052-48
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Best Local Similarity 78.3
Matches 18; Conservative
ORGANISM: Homo sapiens
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Sequence 1276, Application US/09263959

Batent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Rowen, Le
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.8; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 2;
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Fublication No. US20030014775A1
GENERAL INFORMATION:
MCSWiggen, James A.
MCSwiggen, James A.
MCSwiggen, James A.
Skokut, Thomas A.
Skokut, Thomas A.
Young, Scott A.
Young, Scott A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: MCMASters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 622-4900
INFORMATION FOR SEQ ID NO: 1276:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
   COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IN PLANTS
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 88.9°
Matches 16; Conservative
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STATE: Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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US-09-263-959-1276
                                                                                                                                                    RESULT 753
US-09-263-959-1276
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US-09-961-077-1167
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APPLICANT: Rowen, Lee
APPLICANT: Kowen, Lee
APPLICANT: Machington
COUNTRY: Seattle
STREET: Gand Berry LLP
STREET: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CUMRENT APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
FILING DATE: 05-MAR-1999
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GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REPERENCE: 1551.2001-001
CURRENT PILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04.17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 67
LENGTH: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.3%; Score 15; DB 1; Length 36; Best Local Similarity 67.7%; Pred. No. 1.4e+03; Matches 21; Conservative 0; Mismatches 10; Indels
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Best Local Similarity 67.7%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4409 TATAGATAATAATAATAATAATAATAAT
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NAME: McMasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEPAK: (206) 682-6031

INFORMATION FOR SEC ID NO: 766:

SEQUENCE CHARACTERISTICS:

LENGTH: 37 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 TATTATTACTATTATTATTATT 34
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Patent No. US20020150891A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: oligonucleotide US-10-418-182-67
                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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STRANDEDNESS: single
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APPLICANT: Penny, Laura
APPLICANT: Galvin, Margaret
APPLICANT: Galvin, Margaret
APPLICANT: Galvin, Margaret
APPLICANT: Galvin, Margaret
APPLICANT: Reidy, Michael
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
FILE REFERENCE: SEQ-22PRV2
CURRENT APPLICATION NUMBER: US/10/205,522
CURRENT APPLICATION NUMBER: US/9/356,806
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 164
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                transferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 18;
                                                                                                                                                                                                                                                       Length 18;
                                                                                                                                                                                                                                                       Query Match

0.3%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2;
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0.3%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SQUENCE 126, Application US/1020552
Publication No. US20030077629A1
GENERAL INFORMATION:
APPLICANT: Galvin, Margaret
APPLICANT: Galvin, Margaret
APPLICANT: Reidy, Michael
TITLE OF INVENTION: Genotyping Human
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
FILE REFERENCE: SEQ-22PRV2
CURRENT APPLICATION NUMBER: US/10/205,522
CURRENT APPLICATION NUMBER: US/09/356,806
FRIOR APPLICATION NUMBER: US/09/356,806
NUMBER OF SEQ ID NOS: 164
SOFTWARE: FastESE for Windows Version 3.0
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-205-522-142/c
; Sequence 142, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
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  NUMBER OF SEQ ID NOS: 127
SOFTWARE: Patentin version 3.1
SEQ ID NO 68
LENGTH: 18
                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: H. sapiens
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US-10-205-522-126/c
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Sequence 68, Application No. US200300597671

GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
APPLICANT: GOTTESFELD, Joel M.
APPLICANT: GOTTESFELD, Joel M.
APPLICANT: WRIGHT, Peter E.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
FILE REPRENENCE: SCRIPTIL60-4
CURRENT PILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 08/676,318
PRIOR APPLICATION NUMBER: US 08/676,318
PRIOR FILING DATE: 1994-05-27
PRIOR FILING DATE: 1995-12-30
PRIOR FILING DATE: 1995-01-18
PRIOR FILING DATE: 1994-09-28
PRIOR FILING DATE: 1994-01-18
PRIOR FILING DATE: 1994-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 14.8; DB 1; Length 18; 88.9%; Pred. No. 6.5e+02; vative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                 COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: CHANGOMD>
PRIOR APPLICATION DATA:
                                                                                                                                              ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/679,645
FILING DATE: JULY 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE DESCRIPTION: SEQ ID NO: 1167:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3922 CGCCGCGCCGCCGCTGC 3939
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INFORMATION FOR SEQ ID NO: 1167:
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                                                                            CITY: Los Angeles
STATE: California
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Best Local Similarity 88.99
Matches 16; Conservative
                                                                                                                                COUNTRY: U.S.A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-961-077-1167
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APPLICANT: HUOT, Ludovic
APPLICANT: LEMOINE, Yves
APPLICANT: HUOT, Ludovic
APPLICANT: MOLOWCZUK, Isabelle
APPLICANT: GOUYETTE, Catherine
APPLICANT: GRAS-MASSE, H
APPLICANT: GRAS-MASSE, H
ATTLE OF INVENTION: PRODUCTS COMPRISING A SUPPORT TO WHICH NUCLEIC ACIDS ARE FIXED AN
TITLE OF INVENTION: USES AS DNA CHIPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4810, Application US/10349143
Sequence 4810, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Hya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: BALLIER APPLICATION NUMBER: US 09/298,850
PRIOR PILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR PLING DATE: EARLIER FILING DATE: US 09/208,850
PRIOR PLING DATE: EARLIER FILING DATE: US 09/208,850
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APPLICANT: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
APPLICANT: INSTITUT PASTEUR
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                                                                                                                            Length 18;
                                                                                                                                                                           Indele
                                                                                                                          Score 14.8; DB 1;
Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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                                                                                                                                                                              0; Mismatches
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CURRENT APPLICATION NUMBER: US/10/149,249
CURRENT FILING DATE: 2002-06-05
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3, Application US/10149249 Publication No. US20030162185A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1295 GTCCAAGCTCAGCCAACT 1312
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OLIVIER, Christophe
OLLIVIER, Nathalie
HOT, David
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) ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-149-249-1
                                                                                                                            0.3%;
88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 5
SOFWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                 Best Local Similarity 88.9
Matches 16; Conservative
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                                                                                                                               Query Match
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APPLICANT: LEMOINE, Yves
APPLICANT: WOLOWCZUK, Isabelle
APPLICANT: HUYNH-DINH, Tam
APPLICANT: GUVETTE, Catherine
APPLICANT: GOVETTE, Catherine
APPLICANT: GOVETTE, CATHERING A SUPPORT TO WHICH NUCLEIC ACIDS ARE FIXED AN TITLE OF INVENTION: USES AS DNA CHIPS
FILE REPERENCE: SGCSb1380/102
CURRENT APPLICATION NUMBER: US/10/149,249
CURRENT FILING DATE: 2002-06-05
ANDWHER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Hidecoshi, Inoko
APPLICANT: Hidecoshi, Inoko
APPLICANT: Gen, Tamiya
APPLICANT: Matsuzaka
TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS
FILE REFERENCE: 06501-069001
CURRENT APPLICATION NUMBER: US/10/314,405
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2000-11-15
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APPLICANT: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
APPLICANT: INSTITUT PASTEUR
APPLICANT: MISTITUT PASTEUR
APPLICANT: OLIVIER, Christophe
APPLICANT: OLIVIER, Nathalie
APPLICANT: OLIVIER, Nathalie
APPLICANT: HOT, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                          0.3%; Score 14.8; DB 1; Length 18;
88.9%; Pred. No. 6.5e+02;
                                                                                                                                                                                Indels
                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 45, Application US/10114405; Publication No. US20030108940A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/10149249 Publication No. US20030162185A1 GENERAL INFORMATION:
                                                                                                                                                                                                                               1882 AGAAGGAGTGGCTGGAGA 1899
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SOFTWARE: PatentIn version 3.0
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SEQ ID NO 1
LENGTH: 18
TYPE: DNA
                                                                                                                                                    Best Local Similarity 88.99
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
  // LENGTH: 18
// TYPE: DNA
// ORGANISM: H. sapiens
US-10-205-522-142
                                                                                                                                                                                                                                                                                                                                                    RESULT 758
US-10-314-405-45/C
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LENGTH: 18
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                                                                                                                               Query Match
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FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/99/422,978

PRIOR APPLICATION NUMBER: US/99/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                     RESULT 763
US-10-349-143-10970/c
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                                                                                           Sequence 10970, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
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SEQ ID NO 4810
LENGTH: 18
                                                                                                                                                                                                                                                                                                          Best Local Similarity Matches 16; Conserv
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Publication No. US20040005584A1
GENERAL INFORMATION:
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Best Local
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11)a
TITLE OF INVENTION: Biallelic
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: EARLIER FILING PRIOR APPLICATION NUMBER: EARLIER PRIOR FILING DATE: EARLIER FILING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-17938
                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: primer_bind LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: upstream amplification primer 99-6893 for SEQ 1852
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH: 18
                                                                                                                                                                                                                                                          5069 CTTCCTATCTCTGTGGCT 5086
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Pred. No. 6.5e+02;
0; Mismatches 2
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Pred. No. 6.
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APPLICATION NUMBER: US 60/082,614
DATE: 1998-04-21
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US-09-901-484A-538

Sequence 538, Application US/09901484A Patent No. US20020119460A1 GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate Cancer

FILE REFERENCE: GEN-T111XC3D2

RESULT 765

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GGAGGAAGCGGCCACAGG

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CURRENT APPLICATION NUMBER: US/10/765,500
CURRENT FILING DATE: 2004-01-26
FRIOR APPLICATION NUMBER: US/99/763,748
FRIOR FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 09/143,212
PRIOR APPLICATION NUMBER: 09/143,212
PRIOR FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 27
LENGTH: 18
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                                                                                                           ; OTHER INFORMATION: Synthetic US-10-765-500-27
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                                    Query Match
Best Local S
Matches 16
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SEQ ID NO 10970
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CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR PILICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR PILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Brett P. Monia and Lex M. Cowsert TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: RTSP-0100
                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification
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                                                                                                                                                  FEATURE:
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   821 GGAGGAAGAGACACAGG
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Pred. No. 6.5e+02
0; Mismatches
                                        Mismatches
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APPLICANT: Effertz, Roger J.

APPLICANT: Hauge, Brian M.

FITTLE OF INVENTION: Soybean SSRs and Methods of Genotyping FILE REFERENCE: 38-10 (52679) A

CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT FILING DATE: 2001-10-02

PRIOR APPLICATION NUMBER: US 09/754,853

PRIOR APPLICATION NUMBER: US 09/760,427

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768
                                                                                                        RESULT 767
US-09-969-373-2069/c
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PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: US 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR FILING DATE: 1999-66-23
PRIOR FILING DATE: 1999-66-23
PRIOR PRIOR PRIOR DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 578
Sequence 2069, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 4593
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Pred. No. 76
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RESULT 769
US-09-853-526-538
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Varta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4453, Application US/09969373 Patent No. US20020133852A1 GENERAL INFORMATION:
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SEQ ID NO 2069
LENGTH: 19
TYPE: DNA
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SEQ ID NO 4453
                                                                                                                                            Sequence 538, Application US/09853526 Patent No. US20020165345A1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR PILING DATE: 2001-05-15
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APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRe and Methods of Genotyping
FILE REFERENCE: 38-10 (52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/338,907

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PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR PRIOR PRIOR NUMBER: 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR PRIOR APPLICATION NUMBER: 09/218,207
PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1998-12-22
PRIOR PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1997-12-22
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PRIOR FILING DATE: 1997-12-22
PRIOR FILING DATE: 1998-09-09
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US-10-239-804-67
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                                                                                                                                                                                                                                              US-10-084-555-50/c
                                                                                                                                                                                                                                                                                       RESULT 771
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                                                                                                                                      Sequence 50, Application US/10084555 Publication No. US20030190616A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/239,804
CURRENT FILING DATE: 2002-09-23
PRIOR APPLICATION NUMBER: PCT/GB00/01211
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: GB 0024300.6
PRIOR FILING DATE: 2000-10-04
                                 APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE APPLICANT: GOGGINS, Michael G.
APPLICANT: UEKI, Takashi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 7:
SOFTWARE: PatentIn Ver.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Corcoran, Jonathan PT
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TITLE OF INVENTION: DIFFERENTIALLY METHYLATED SEQUENCES IN PANCREATIC CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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ORGANISM: Homo Sapiens
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NAME/KEY: misc feature
LOCATION: 1..19
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Pred. No. 7
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RESULT 773 US-10-349-143-7300/c

Sequence 7300, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density.

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APPLICANT: Chumakov, ilya

ITITLE OF INVENTION: Biallelic markers for use in constructin

FILE REFERENCE: GENSET.020CP1

FULE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-4-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/
PRIOR RILING DATE: EARLIER APPLICATION NUMBER: US 60/
PRIOR FILING DATE: BARLIER APPLICATION NUMBER: US 60/
PRIOR FILING DATE: DA
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Best Local Similarity 88.9%;
Matches 16; Conservative
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LENGTH: 19
                                                                                                                           Matches
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CÜVRENT APPLICATION NUMBER: US/10/084,555
CURRENT FILING DATE: 2002-02-25
PRIOR APPLICATION NUMBER: US 60/271,268
PRIOR FILING DATE: 2001-02-3
NUMBER OF SEQ ID NOS: 114
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                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
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Similarity 88.9%;
CTCTCTTTCTTGCTTTCT
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. US20040005584A1
                                                                                                                           Conservative
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                                                                                                                                                         Score 14.8;
Pred. No. 76
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                                                                                                                           Mismatches
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DATE: 1998-04-21
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US-10-731-739-253/c
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US-10-605-498-88/c
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, LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3524 for SEQ
US-10-349-143-7300
                                                                                                                                                           RESULT 775
                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Homo sapiens
US-10-605-498-88
                                                                                       Sequence 253, Application US/10731739 Publication No. US20040176582A1
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SEQ ID NO 88
LENGTH: 19
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Publication No. US20040127441A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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LENGTH: 19
                                                                    GENERAL INFORMATION:
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CURRENT APPLICATION UNDER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-11-23
PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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CURRENT FILLING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR FILING DATE: 2002-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other TITLE OF INVENTION: Cancers FILE REFERENCE: UBC.P-031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/463,952 PRIOR FILING DATE: 2003-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gleave, Martin
APPLICANT: Rocchi, Palma
APPLICANT: Signaevsky, Maxim
                                            APPLICANT: Carulli,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 11796
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les 16; Conserv
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                       Little,
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John P.
Randall D.
Robert R.
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Pred. No. 7e+02;
0; Mismatches 2;
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Pred. No. 7e+02;
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PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR PILING DATE: 1998-01-13
PRIOR FILING DATE: 1998-01-13
PRIOR PELICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOPTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 253
LENGTH: 19
TYPE: DNA
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US-09-854-883-347/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-10-731-739-253
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                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
                                                                        GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wy.
APPLICANT: Susan M. Frei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                    Sequence 347
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                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Microsatellite Markers for Plants of the Species TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use of TITLE OF INVENTION: Said Markers FILLE REFERENCE: 2936.10400 CURRENT APPLICATION NUMBER: US/08/983,605A CURRENT FILING DATE: 1998-05-01 EARLIER APPLICATION NUMBER: DE 195 25 284.5 EARLIER APPLICATION NUMBER: DE 195 25 284.5 EARLIER FILING DATE: 1995-06-28 NUMBER OF SEQ ID NOS: 466
                                                                                                                                                 Patent No. US2002
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CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Roder,
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16; Conservative
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16; Conserv
INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
                                                       Jacqueline Wyatt
Susan M. Freier
Brett P. Monia
                                      Madeline M. Butler
                                                                                                                                                                    Application US/09854883
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ilarity 88.9%;
Conservative
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Pred. No. 7
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                                                                                                                                                                                                                    Sequence 63, Application US/09909595 Publication No. US20030083278A1 GENERAL INFORMATION:
                                           NUMBER OF SEQ ID NOS:
SEQ ID NO 63
LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
FILE REFERENCE: RTS-0221
CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
                                                                          CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
                                                                                                                                                       APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/09/854,883
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
                                                                                                                           TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION FILE REFERENCE: RTS-0223
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ORGANISM: Artificial Sequence
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             ORGANISM: Artificial Sequence
                               TYPE: DNA
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LENGTH: 20
EATURE:
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Pred. No. 7.6e+02;
0; Mismatches 2;
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Pred. No. 7.
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SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-920-394-49/c
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                                                                                                    US-09-920-394-49
                                                                                                                                                                   SEQ ID NO 49
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                              Sequence 49, Application US/09920394
Publication No. US20030096773A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFER
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0589
CURRENT APPLICATION NUMBER: US/09/920,394
CURRENT FILING DATE: 2001-08-01
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Publication No.
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Matches 16; Conserv
                                                    Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Madeline M. Butler APPLICANT: Andrew T. Watt APPLICANT: Susan M. Freier
                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 62
                                                                                                                                    ORGANISM: Artificial FEATURE:
                                                                                                                    OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2129 CCACTTGACTTCAGGAAG 2146
   1430 TCTGGGGATTCCTCAGAA 1447
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Similarity 88.9%;
                                                    Similarity
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                                  Conservative
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Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
0; Mismatches 2
                                                       Score 14.8;
Pred. No. 7
                                                     Pred. No.
                                    Mismatches
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US-10-092-140-8
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US-09-920-868A-14/c
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Publication No. US20030113300A1
GENERAL INFORMATION:
APPLICANT: Perfetti, Riccardo
TITLE OF INVENTION: HUMAN GLUCOSE-DEPENDENT INSULIN-SECRETING CELL LINE
FILE REFERENCE: 81476-0255389
CURRENT APPLICATION NUMBER: US/09/920,868A
CURRENT FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 21
SOPTWARE: Patentin version 3.1
SEQ ID NO 14
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Publication No. US20020164801A1
GENERAL INFORMATION:
APPLICANT: McGill University et al.
TITLE OF INVENTION: HUMAN AND MAMMALIAN DNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 16;
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TYPE: DNA
ORGANISM: Human
                                                                                   TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION NUMBER: US/10/092,140
FILING DATE: 06-Max-2002
CLASSIFICATION INDEER: US/09/328,750
FILING DATE: 09-Jun-1999
APPLICATION NUMBER: US/09/33,374
FILING DATE: 16-DEC-1996
APPLICATION NUMBER: 60/033,374
FILING DATE: 11-MAY-1997
APPLICATION NUMBER: 60/047,322
FILING DATE: 21-MAY-1997
APPLICATION NUMBER: 60/047,322
FILING DATE: 21-MAY-1997
ATTORNEY/ACENT INFORMATION
NAME: C"t, France
REGISTRATION NUMBER: 4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCE ADDRESS:
CORRESPONDENCE ADDRESSE: SWABEY OGILY RENAULT
ADDRESSES: SWABEY OGILY RENAULT
ORN MCGILL College Avenue -
                                                                                                                                                REFERENCE/DOCKET NUMBER: 1770-162PCT FC/ld
TELECOMMUNICATION INFORMATION:
TELEPHONE: 514 845-7126
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                                                               SEQUENCE CHARACTERISTICS:
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ZIP: H3A 2Y3
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STRANDEDNESS: single
                      LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                              TELEFAX: 514 288-8389
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Pred. No. 7.6e+02;
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APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
FILE REFERENCE: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTSP-0325
CURRENT APPLICATION NUMBER: US/10/181,107
CURRENT FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: PCT/US01/0088
PRIOR FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US01/0088
PRIOR FILING DATE: 2001-01-18
NUMBER OF SEQ ID NO 69
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
TYPE: DNA
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                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-10-181-107-69
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US-10-181-107-69/c
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Best Local Similarity
Matches 16; Conserv
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Publication No. US20030073116A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 64
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Query Match
Best Local Similarity
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CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/312,834
PRIOR FILING DATE: 2001-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ginsburg, David
APPLICANT: Levy, Gallia
APPLICANT: Teay, Han-Mou
TITLE OF INVENTION: ADAMTS13 Genes and Proteins
FILE REFERENCE: UM-07288
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                       FEATURE:
                                                                                                        ORGANISM: Artificial Sequence
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Local Similarity 88.9%;
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MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO:
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Score 14.8; DB 1;
Pred. No. 7.6e+02;
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Pred. No. 7
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Pred. No. 7.6e+02
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CURRENT APPLICATION NUMBER: US/10/181,846
CURRENT FILING DATE: 2002-07-17
PRIOR APPLICATION NUMBER: PCT/US01/01416
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: 09/490,692
PRIOR FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 101
PLENGTH: 20
                                                Query Match
Best Local Similarity
Thes 16; Conserve
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US-10-149-352-13/c
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                                                                                                                                 ; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-149-352-13
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Best Local Similarity 88.9%;
Matches 16; Conservative
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SEQ ID NO 13
LENGTH: 20
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CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: PCT/GB00/04741
PRIOR FILING DATE: 2000-12-12
                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Beri, Rajinder
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 06275-254US1
                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: GB 9929487.8 PRIOR FILING DATE: 1999-12-15 NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION FILE REFERENCE: RTSP-0363
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                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Artificial Sequence
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                               GGCCСТGСАGGGGAGAAA 3387
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Pred. No. 7.6e+02;
0; Mismatches 2;
                                                                            Score 14.8; DB 1;
Pred. No. 7.6e+02;
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TITLE OP INVENTION: ANTISENSE MODULATION OF FXR EXPRESSION FILE REFERENCE: RTS-0239
CURRENT APPLICATION NUMBER: US/10/002,491
CURRENT FILING DATE: 2001-11-15
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANTON
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF TH
FILE REFERENCE: RTS-0333
CURRENT APPLICATION NUMBER: US/10/008,789
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 30
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SOFTWARE: Patentin version 3.1
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
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                                                                                                                                                  Sequence 30, Application US/10008789 Publication No. US20030125276A1
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Best Local Similarity
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Publication No.
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CURRENT APPLICATION NUMBER: US/10/079,384
CURRENT FILING DATE: 2002-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 09/885,453 PRIOR FILING DATE: 2001-06-20
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No. US20030108986A1
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Pred. No. 7.6e+02;
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Pred. No. 7
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                                                                                  THYROID HORMONE RECEPTOR INTERACTOR
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Best Local Similarity
Matches 16; Conserve
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                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-10-027-983-28
                                                                                                                                                                                                                                                                                                                                                                                            US-10-027-983-28/c
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Best Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/006,972A
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 94
SEQ ID NO 88
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                  APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REPERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 28
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                           Sequence 28, Application US/10027983 Publication No. US20030139360A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 88, Application US/10006972A Publication No. US20030139359A1 GENERAL INFORMATION:
                                                              Matches
                                                                            Query Match
Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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                               3729
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                             CCCGGCAAGCAGGTGCCC 3746
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                                                               Conservative
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                                                            Score 14.8; DB 1;
Pred. No. 7.6e+02;
0; Mismatches 2;
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Pred. No. 7.6e+02;
0; Mismatches 2
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Pred. No. 7.6e+02;
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CURKENT FILING DATE: 2001-12-10

NUMBER OF SEQ ID NOS: 153

SEQ ID NO 71

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-71
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                                                                                                                            Sequence 20, Application US/10169983
Publication No. US20030158250A1
GENERAL INFORMATION:
APPLICANT: Takara Shuzo Co., Ltd.
TITLE OF INVENTION: Therapoutic agents
FILE REFERENCE: 01-011-PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 153
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Andrew T. Wat
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Publication No.
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Best Local S
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            CURRENT APPLICATION NUMBER: US/10/169,983
CURRENT FILING DATE: 2002-07-14
PRIOR APPLICATION NUMBER: JP 2000-4989
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: JP 2000-303711
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: William Gaarde
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSIC
FILE REFERENCE: RTS-0274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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OF SEQ ID NOS:
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No. US20030144223A1
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Pred. No. 7.6e+02;
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Pred. No. 7
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TITLE OF INVENTION: ANTISENSE MODULATION OF ES'
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/448,753
CURRENT FILING DATE: 2003-05-30
FRIOR APPLICATION NUMBER: US/10/027,983
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 28
LENGTH: 20
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APPLICANT: Brett P. Monia
APPLICANT: William Gaard
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                          Sequence 86, Application US/10181856 Publication No. US20030212018A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 88.9
Matches 16; Conservative
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                                                NUMBER OF SEQ ID NOS:
SEQ ID NO 86
LENGTH: 20
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LENGTH: 20
                                                                                                                                              APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK2 EXPRESSION
FILE REFERENCE: RTSP-0345
CURRENT APPLICATION NUMBER: US/10/181,856
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: PCT/US01/01361
PRIOR FILING DATE: 2001-01-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kenneth W. Dobie APPLICANT: Mark P. Roach
                                                                                                           PRIOR APPLICATION NUMBER: 09/488,744 PRIOR FILING DATE: 2000-01-20
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                                   TYPE: DNA
               ORGANISM: Artificial Sequence
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EATURE:
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                                                                                                                                                                                                                                                                                Donna T. Ward
Susan M. Freier
                                                                                                                                                                                                                                                                                                                   William Gaarde
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Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
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FITTLE OF INVENTION:
FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/10/360,510
CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US/09/854,883
PRIOR FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR FILING DATE: 2000-07-31
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 389
SEQ ID NO 347
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-160-497-20
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Best Local Similarity
Matches 16; Conserv
                                                                   NUMBER OF SEQ ID NOS: 145
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
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                                                                                                                                   APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Erich Koller
TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH1 EXPRESSION
FILE REFERENCE: RTS-0386
CURRENT APPLICATION NUMBER: US/10/160,497
CURRENT FILING DATE: 2002-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ANTISENSE MODULATION OF PTP18 EXPRESSION
                   OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                              1264 TTCCTGGTGAGGCCAATC 1281
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Susan M. Freier
Brett P. Monia
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               Antisense Oligonucleotide
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Pred. No. 7.6e
0; Mismatches
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Pred. No. 7
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Query Match

0.3%;

Score 14.8;

DB 1;

Length 20;

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RESULT 802
US-10-159-834-96/c
; Sequence 96, Application US/10159834
; Publication No. US20030228688A1
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US-10-159-834-23
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Best Local Similarity
Matches 16; Conserv
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Publication No. US20030228688A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF
TITLE OF INVENTION: EXPRESSION
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Matches
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LENGTH: 20
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LENGTH: 20
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Matches 16; Conserv
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CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: 10/160,497
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 146
                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/159,834
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 130
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APPLICANT: Kenneth W. Dobie
APPLICANT: Erich Koller
TITLE OF INVENTION: NOTCHI INHIBITORS FOR INDUCING APOPTOSIS
FILE REFERENCE: ISPH-0729
                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: RTS-0299
                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
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mes 16; Conserv
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Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
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                                                                                                                                                                                          Length 20;
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    Query Match
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; NUMBER OF SEQ ID NOS: 130
; SEO ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. Bapiens
; FEATURE:
US-10-177-554-195
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US-10-177-554-59
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Publication No. US20030235911A1
GENERAL INFORMATION:
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APPLICANT: Kenneth W. Dobie
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0299
CURRENT APPLICATION UNMERE: US/10/159,834
CURRENT FILING DATE: 2002-05-31
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SEQ ID NO 59
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
                                                                         SEQ ID NO 195
LENGTH: 20
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                                                                                                             APPLICANT: Kenneth W. Dobie
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0370
CURRENT APPLICATION NUMBER: US/10/177,554
CURRENT FILLING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 239
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                 TYPE: DNA
ORGANISM: H. sapiens
                   FEATURE:
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88.9%; Pred. No. 7.6e+02;
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Pred. No. 7.6e+02
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Score 14.8;

DB

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Length 20;

Best Local Similarity

88.9%;

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US-10-289-762-6050
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                                                        Sequence 6050, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2493
LENGTH: 20
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1870
LENGTH: 20
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Publication No. US20040006218A1
GENERAL INFORMATION:
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity 88.9%;
Matches 16; Conservative
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APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnostitle OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                         2251 ACCTCTTCTGGTTTGGGG 2268
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Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
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0; Mismatches 2;
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; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6050
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6050
                                                      US-10-425-037-1
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; OTHER INFORMATION: D17S2011 forward primer
US-10-435-696-303
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US-10-435-696-303/c
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                                                                         RESULT 809
Sequence 1, Application US/10425037
Publication No. US20040054162A1
GENERAL INFORMATION:
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APPLICANT: Kallabis, Harald
APPLICANT: Kallabis, Harald
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS,
TITLE OF INVENTION: METHODS AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: LeA 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR FILING DATE: 2003-02-13
PRIOR FILING DATE: 2003-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: Patentin version 3.1
SEQ ID NO 303
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Best Local :
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APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Ho
                                                                                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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o. US20040018525A1
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Pred. No. 7.6e+02;
"Wismatches 2;
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Pred. No. 7
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APPLICANT: Hanna, Michelle M.

TITLE OF INVENTION: Molecular Detection Systems Utilizing Reiterative Oligonucleotid TITLE OF INVENTION: Synthesis FILE REFERENCE: 2072.001005

CURRENT APPLICATION NUMBER: US/10/425,037

CURRENT FILING DATE: 2003-04-29

PRIOR APPLICATION NUMBER: PCT/US02/34419

PRIOR APPLICATION NUMBER: US 09/984,664

PRIOR FILING DATE: 2002-10-29

PRIOR APPLICATION NUMBER: US 09/984,664

PRIOR PILING DATE: 2001-10-30

NUMBER OF SEQ ID NOS: 3

SOFTWARE: Patentin version 3.2

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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-39
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US-10-273-826-39
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Best Local Similarity 88.7
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CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 39
LENGTH: 20
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CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 39
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                               Sequence 39, Application US/10274347 Publication No. US20040077084A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                APPLICANT: Andrew T. Watt
APPLICANT: Steven Davidsen
APPLICANT: Junling Li
APPLICANT: Keith Glaser
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TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RTS-0.61
                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION FILE REFERENCE: RTS-0264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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                                                           Score 14.8; DB 1;
Pred. No. 7.6e+02;
0; Mismatches 2;
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Pred. No. 7.6e+02;
0; Mismatches 2;
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Pred. No. 7.6e+02;
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-293-863-15
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US-10-293-863-15
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                                                                                                                                                                                NUMBER OF SEQ ID NOS: 78
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE FILE REFERENCE: HTS-0090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Ver. 3.1
SEQ ID NO 544
LENGTH: 20
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APPLICANT: Bachmanov, I
APPLICANT: Beauchamp, C
APPLICANT: Chatterjee,
APPLICANT: De Jong, P:
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                                                                  Matches
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Best Local (
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CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: 60/200,794
PRIOR FILING DATE: 2000-04-28
NUMBER OF TENO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: TOROOFF, MICHAEL G.
TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETNERS
FILE REFERENCE: PC18306A
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CURRENT FILING DATE: 2002-11-11
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ORGANISM: Mouse
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                                 3732 GGCAAGCAGGTGCCCGCG
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Chatterjee, Aurong
Tong, Pieter J.
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Beauchamp, Gary K.
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Reed, Danielle
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Li, Xia
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Pred. No. 7.6e+02;
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Pred. No. 7
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US-10-300-263-40
; Sequence 40, Application US/10300263
; Publication No. US20040096834A1
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US-10-300-263-39/c
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US-10-300-263-39
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                                                                APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
FILE REFERENCE: RTS-0431
CURRENT APPLICATION NUMBER: US/10/300,263
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 40
LENGTH: 20
FIVENT NUMBER: 100 40
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 39, Application US/10300263
Publication No. US20040096834A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
FILE REFERENCE: RTS-0431
CURRENT APPLICATION UNMER: US/10/300,263
CURRENT FILING DATE: 2002-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.3%;
sest Local Similarity 88.9%;
Matches 16; Conservation
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APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE
FILE REFERENCE: HTS-0090
CURRENT APPLICATION NUMBER: US/10/293,863
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 78
SEQ ID NO 51
LENGTH: 20
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.Best Local
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SEQ ID NO 39
LENGTH: 20
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                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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ORGANISM: H. sapiens
OTHER INFORMATION: Antisense Oligonucleotide
                                    ORGANISM: Artificial Sequence
                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity 88.9
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Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
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TCCTTTGCCTCACTCAGC 1

US-10-303-266-24 RESULT 819

GENERAL INFORMATION: Sequence 24, Ap Publication No.

Application US/10303266 No: US20040101848A1

APPLICANT: Donna T. Ward APPLICANT: Alexander H. APPLICANT: Kenneth W. Do

Alexander H. Borchers Kenneth W. Dobie

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US-10-300-263-115/c
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                                                                                      US-10-300-263-115
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LENGTH: 20
TYPE: DNA
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Best Local Similarity
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                              Matches
                                                        Query Match
                                                                                                                                                                NUMBER OF SEQ ID NOS: 154
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                                                                                                                                                                                        FILE REFERENCE: RTS-0431
CURRENT APPLICATION NUMBER: US/10/300,263
CURRENT FILING DATE: 2002-11-19
                                                                                                                                                                                                                                APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                    FEATURE
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                            1 Similarity
16; Conserva
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5. US20040096834A1
                              Conservative
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88.9%;
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Pred. No. 7.6e+02;
0; Mismatches 2;
                           Score 14.8; DB 1;
Pred. No. 7.6e+02;
0; Mismatches 2
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Pred. No. 7.6e+02;
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TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION FILE REFERENCE: RTS-0397; CURRENT APPLICATION UMBER: US/10/304,116; CURRENT FILING DATE: 2002-11-23

NUMBER OF SEQ ID NOS: 138

SEQ ID NO 86

LENGTH: 20
TYPE: nw.
                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-10-304-116-86
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US-10-303-266-101/c
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LENGTH: 20
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Best Local Similarity
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CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 157
SEQ ID NO 24
LENGTH: 20
Query Match
Best Local Similarity
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Best Local Similarity
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CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 157
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APPLICANT: Alexander H. Borchers
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: RTS-0426
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                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                   FEATURE:
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Pred. No. 7.6e+02;
0; Mismatches 2
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Pred. No. 7.6e+02
 Score 14.8; DB 1;
Pred. No. 7.6e+02;
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FILE CANT: Kenneth W. Dobie

TITLE OF INVENTION MODULATION OF SENTRIN-2 EXPRESSION
FILE REFERENCE: PTS-0052
CURRENT APPLICATION NUMBER: US/10/316,638
CURRENT FILING DATTE: 2002-12-10
NUMBER OF SEQ ID NOS: 75
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
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                                                                                                                               RESULT 824
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US-10-316-638-26
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Publication No. US20040110151A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Kenneth W. Dobie
Sequence 65, Application US/10317401
Publication No. US20040115635A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
FILE REFERENCE: PTS-0004
                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 75
SEQ ID NO 60
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Best Local S
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Publication No.
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Best Local Similarity 88.9%;
Matches 16; Conservative
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TITLE OF INVENTION: MODULATION OF SENTRIN-2 EXPRESSION
FILE REFERENCE: PTS-0052
                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/316,638
CURRENT FILING DATE: 2002-12-10
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APPLICANT: Kennet
                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                ORGANISM: H. sapiens
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Pred. No. 7.6e
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Pred. No. 7.
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US-10-317-401-129
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                                                                                       ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-10-317-803-86
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CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 139
SEQ ID NO 65
                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/317,803
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 86
LENGTH: 20
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SEQ ID NO 129
LENGTH: 20
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Matches
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Best Local Similarity
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                                Matches
                                             Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
FILE REFERENCE: PTS-0004
                                                                                                                                                                                                                                                                                APPLICANT: Kathleen Myers APPLICANT: Kenneth W. Do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/317,401
CURRENT FILING DATE: 2002-12-11
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ORGANISM: H. sapiens
                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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   3228 ATCACTGAAATCATCAAC 3245
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Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
                                              Score 14.8; DB 1;
Pred. No. 7.6e+02;
                                Mismatches
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US-10-671-395-80
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US-10-671-395-59
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                                        RESULT 829
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CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 133
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Publication No. US20040115645A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF DRAK2 EXPRESSION
FILE REFERENCE: PTS-0069
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Matches
                                                                                                                                                                 Matches
                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gierre, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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APPLICANT: Gierse, James
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Application US/10671395
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No. US20040132063A1
                                                                                                                                                                 Conservative
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                                                                                                                                                                               Score 14.8; DB 1;
Pred. No. 7.6e+02;
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Pred. No. 7.6e+02;
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Sequence 80, Applica Publication No. US20 GENERAL INFORMATION:

US20040132063A1

APPLICANT: Pharmacia Corp. APPLICANT: Gierse, James K

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APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
ITILE OF INVENTION: ANTISENSE MODULATION OF MIC
ITILE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF ESQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1275
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1275
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US-10-671-395-1460/c
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 80
                                                                                                                                                                                                               Sequence 1460, Application US/10671395 Publication No. US20040132063A1
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity
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                               APPLICANT: Pharmacia Corp.
APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549 PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: artificial
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ORGANISM: artificial
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Pred. No. 7.6e+02;
0; Mismatches 2;
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Pred. No. 7.6e+02;
0; Mismatches 2
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APPLICANT: Brenda F. Baker
APPLICANT: Kathleen Myers
APPLICANT: Kathleen Myers
APPLICANT: Joshua Finger
ITILE OF INVENTION: DELLVERY OF OLIGONUCLECTIDE CONTITUE OF INVENTION: OSTEOCLAST DIFFERENTIATION
FILE REFERENCE: 23546-07993/RTSp-0313US.P1
CURRENT APPLICATION NUMBER: US/10/666,909
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: 10/111,868
PRIOR FILING DATE: 2002-08-06
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 1999-11-05
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APPLICANT: Gierse, James K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1477
**TWORTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                           Sequence 17, Application US/10666909
Publication No. US20040137623A1
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Best Local (
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Matches 16; Conserv
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TYPE: DNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 1809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 AGAAAATCCTTCAGCTAA 3
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; Pred. No. 7.6e.
0; Mismatches
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Pred. No. 7.6e
0; Mismatches
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7.6e+02;
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                                                                                                                                                                                                                                                                                 COMPOUNDS INTO OSTEOCLASTS AND MODUL.
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GENERAL INFORMATION:
APPLICANT: LERNMARK, Ake
APPLICANT: LUO, Dong
APPLICANT: MACMURRAY, Arm
APPLICANT: ETTINGER, Ruth
APPLICANT: MORALEJO, Dani
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US-10-666-909-65
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US-10-666-909-65
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; OTHER INFORMATION: antisense oligonucleotide
US-10-666-909-17
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APPLICANT: Brenda F. Baker

APPLICANT: Kathleen Myers

APPLICANT: Joshua Finger

APPLICANT: Joshua Finger

APPLICANT: JOSHua Finger

TITLE OF INVENTION: DELIVERY OF DIFGONUCLEOTIDE COMPOUNDS INTO OSTEOCLASTS AND MODULA

TITLE OF INVENTION: OSTEOCLAST DIFFERENTIATION

FILLE REFERENCE: 23546-07993/RTSP-0313US.P1

CURRENT APPLICATION NUMBER: US/10/666,909

CURRENT FILING DATE: 2003-09-17

PRIOR APPLICATION NUMBER: 10/11,868

PRIOR APPLICATION NUMBER: PCT/US00/29828

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30
                                                                                                                                                                                                                                                                                                            Sequence 32, Application US/10449741B Publication No. US20040142387A1
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Best Local Similarity
Matches 16; Conser
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LENGTH: 20
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Best Local Similarity
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LENGTH: 20
               APPLICANT: ETTINGER, Ruth
APPLICANT: MORALEJO, Daniel
APPLICANT: RUTLEBGE, Elizabeth A.
APPLICANT: RUTLEBGE, Elizabeth A.
TITLE OF INVENTION: MUTANTS OF GAD65 AND IAN5 RELATING TO DIABETES
FILE REFERENCE: 16336-19
CURRENT EPPLICATION NUMBER: US/10/449,741B
CURRENT FILING DATE: 2003-05-29
PRIOR APPLICATION NUMBER: US 60/383,913
PRIOR PILING DATE: 2005-05-29
RUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0
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TYPE: DNA
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ORGANISM: M. musculus
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MACMURRAY, Armand
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ilarity 88.9%;
Conservative
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version 3.1
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Pred. No. 7.6e+02;
0; Mismatches 2;
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Pred. No. 7.6e+02;
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Sequence 424, Application US/09765081

Patent No. US20020037508A1

GENERAL INFORMATION:

APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.

APPLICANT: Lander, Eric S.

APPLICANT: Lander, Eric S.

FILE REFERENCE: 2825.2008-001

CURRENT APPLICATION NUMBER: US/09/765,081

CURRENT APPLICATION NUMBER: US 60/176,861

PRIOR APPLICATION NUMBER: US 60/176,861

PRIOR APPLICATION NUMBER: US 60/176,861

PRIOR FILING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 461

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 424

LENGTH: 21
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Publication No. US20040175719A1
GENERAL INFORMATION:
APPLICANT: Christians, Frederick C.
TITLE OF INVENTION: Synthetic Tag Genes
FILE REFERENCE: 3502.1
CURRENT APPLICATION NUMBER: US/10/619,739
CURRENT FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: 60/395,530
PRIOR APPLICATION NUMBER: 60/395,530
UNMBER OF SEQ ID NOS: 2068
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 1596
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US-09-765-081-424/c
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; OTHER INFORMATION: Synthetic Oligonucleotide US-10-619-739-1596
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                                                                           ; ORGANISM: Homo sapiens
US-09-765-081-424
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Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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LENGTH: 20
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Best Local
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Best Local Similarity 88.9%;
                                                                                                                 LENGTH: 21
TYPE: DNA
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TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 88.9%;
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Score 14.8; DB 1;
Pred. No. 8.2e+02;
1; Mismatches 3
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Pred. No. 7.
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                                     DB 1;
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                                 Length 21;
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Indels

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RESULT 840
US-10-184-085A-284/c
; Sequence 284, Appl
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                                                                                                                                                                                                    ; ORGANISM: Glycine max 
US-09-969-373-2418
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SOFTWARE: FA
SEQ ID NO 14
FENGTH: 21
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Patent No. US20020133852A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                             SEQ ID NO 2418
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Yaver, Debbie S.
APPLICANT: Bellini, Daniel A.
APPLICANT: Bellini, Daniel A.
APPLICANT: Bellini, Daniel A.
TITLE OF INVENTION: Methods For Producing A Polypeptide
TITLE OF INVENTION: Using A Crippled Translational Initiator Sequence
FILE REFERENCE: 5966.200-US
CURRENT APPLICATION NUMBER: US/09/760,139
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/482,751
PRIOR FILING DATE: 2000-01-13
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 09/760,427 PRIOR FILING DATE: 2001-01-13
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                                                                                                                                       Local Similarity
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 Application US/10184085A
                                                                                                                                       Conservative
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Pred. No. 8.2e+02;
0; Mismatches 2
                                                                                                                                                    Score 14.8; DB 1;
Pred. No. 8.2e+02;
                                                                                                                                      Mismatches
                                                                                                                                                                    DB 1;
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                                                                                                                                       Gaps
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GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.

APPLICANT: Luebke, Kevin, J.

APPLICANT: Balog, Robert P.

TITLE OF INVENTION: Identification of Chemically Modified Polymers

FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR FILING DATE: 2001-06-27

NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FRASTSEQ for Windows Version 4.0

SEQ ID NO 284
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-284
                                                                                                                                                                                                                               RESULT 842
US-10-133-779-138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens US-10-184-085A-976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-184-085A-976/c
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Sequence 138, Application US/10133779

Publication No. US20030165884A1

GENERAL INFORMATION:

APPLICANT: Chow, Robert

APPLICANT: Tonai, Richard

APPLICANT: StemCyte, Inc.

TITLE OF INVENTION: High Throughput Methods of HLA Typing

FILE REPERENCE: 0202055-00210US

CURRENT APPLICATION NUMBER: US/10/133,779

CURRENT FILING DATE: 2002-04-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 976
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                   Best
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APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
APPLICANT: Balog, Robert P.
APPLICANT: Balog, Robert P.
APPLICANT: Balog, Robert P.
APPLICANTON: Identification of Chemically Modified Polymers
FILE REFERENCE: 1199.9-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR APPLICATION NUMBER: US 67/301,370
PRIOR PILING DATE: 2001-06-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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Local Similarity 88.9%;
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Pred. No. 8.2e
0; Mismatches
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Pred. No. 8.2e+02
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B.2e+02;
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; ORGANISM: Homo sapiens
US-10-133-779-138
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US-10-367-438-186
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 138
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                                                                Best Local Similarity Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US/09/747,391 PRIOR FILING DATE: 2001-07-13
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/10/367,438
FILLING DATE: 14-Feb-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/463,075A
FILLING DATE: 14-Jan-2000
INFORMATION FOR SEQ ID NO: 186:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: COHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.3%;
Local Similarity 88.9%;
es 16; Conservativo
                                                                                                                                                                                                                                      TOPOLOGY: LINEAR MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Win95
SOFTWARE: Word
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANA: COMMENTED, Marta

BLUMENFELD, Marta

TCHOUMAKOV, Ilia

TTTLE OF INVENTION: Biallelic markers for use in

Constructing a high density disequilibrium map
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear STREET: 550 West C Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
                              1588 TGGTGGAAACAGAGAAGG 1605
                                                                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 186:
                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                       NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                           LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CTCCATGAGGTATTTCAC
                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10367438
                                                                0.3%;
llarity 88.9%;
Conservative
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                                                                                                                                                                                    downstream amplification primer for SEQ ID36, SEQ ID86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               constructing a high the human genome.
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                                                                Score 14.8; DB 1;
Pred. No. 8.2e+02;
0; Mismatches 2;
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Pred. No. 8.2e+02;
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US-10-418-182-124
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US-10-371-666-26/c
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; OTHER INFORMATION: Synthetic construct - linker sequence
US-10-453-264-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 844
US-10-453-264-21/c
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Otterbin, Leo E.
APPLICANT: Choi, Augustine M. K.
APPLICANT: Moore, Beverley A.
APPLICANT: Bauer, Anthony J.
TITLE OF INVENTION: METHODS OF TREATING ILEUS
FILE REFERENCE: 14022-006001
CURRENT APPLICATION NUMBER: US/10/371,666
CURRENT FILING DATE: 2003-02-21
PRIOR APPLICATION NUMBER: US 60/372,652
PRIOR APPLICATION NUMBER: US 60/372,652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 21, Application US/10453264 Publication No. US20030198947A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 31
SOFTMARE: FRANKSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
Sequence 124, Application US/10418182 Publication No. US20030228302A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 26, Appublication No.
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Best Local !
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Best Local Similarity
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                                                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3069 CAGACCTCTCAGGGCAAG 3086
                                                                                                                                         718 AAGGCGTCTCCATGAGGT 735
                                                                                                             18 AAAGCGTCTCCACGAGGT 1
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                                                                                                                                                                               l Similarity 88.9
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Pred. No. 8.2e+02;
                                                                                                                                                                                                 Score 14.8; DB 1;
Pred. No. 8.2e+02;
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GENERAL INFORMATION:

APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001

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                                                                                                                                                                                  US-10-349-143-8648
                                                                                                                                                                                                            RESULT 848
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                                                                                                               GENERAL INFORMATION:
                                                                                                                                  Sequence 8648, Application US/10349143 Publication No. US20040005584A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 124
                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 88.9 Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/9/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/298,850
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/298,850
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/9/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/332
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/332
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/332
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/3614
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: EARLIER NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-13860 for SEQ 253,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1715 CATGATCACCATCTTCAT 1732
                                                                                                                                                                                                                                                                                                                         2696 ACAGATTGAGTTTCTCAG 2713
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Pred. No. 8.2e+02;
0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                 Score 14.8; DB 1;
Pred. No. 8.2e+02;
                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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                          for use
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                            in
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                          constructing a high density..
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                                                                                                  Query Match
Best Local Similarity
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                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 9365
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENOST.020CP1
FILE REFERENCE: GENOST.020CP1
FILE REFERENCE: GENOST.020CP1
FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER: OF SEQ ID NOS: 11796
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PRIOR ILING DATE: 1999-10-20

PRIOR PILING DATE: EARLIER EARLIER APPLICATION NUMBER:
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER:
PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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CURRENT FILING DATE: 2003-01-21
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                                                                                                                                                                                                                                                                                           LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                         NAME/KEY: primer_bind
LOCATION: 1..21
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NAME/KEY: primer_bind

LOCATION: 1..21

OTHER INFORMATION: downstream amplification
                                                                                                                                                                                                    OTHER INFORMATION: downstream amplification primer 99-2570 for SEQ 1500, in complem
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                                                                                                                                                                                                                                                                          FEATURE:
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                                          1588 TGGTGGAAACAGAGAAGG 1605
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                                                                                        Conservative
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                                                                                                             0.3%;
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                                                                                                           Score 14.8; DB 1;
Pred. No. 8.2e+02
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Pred. No. 8.2e+02
0; Mismatches
                                                                                        Mismatches
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                                                                                        Gaps
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RESULT 850 US-10-349-143-11206

Application US/10349143

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                                                                                       RESULT 852
US-10-786-720-3643/c
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; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION UMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
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Sequence 3643, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
APPLICANT: Wyeth
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SEQ ID NO 2046
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Best Local
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FILE REFERENCE: GENSET.020CP1

CURRENT SPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11206
                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA ORGANISM: RNAi-antisense strand
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LOCATION: 1..21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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                                                                                                                                                                                                                           2810 AAATGAAGAAGGAAGTGA 2827
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Chumakov, Ilya
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Pred. No. 8.2e+02;
D; Mismatches 2;
                                                                                                                                                                                                                                                                                             Score 14.8; DB 1;
Pred. No. 8.2e+02;
                                                                                                                                                                                                                                                                             Mismatches
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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO:
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VETSION 3.2
SEQ ID NO 3643
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US-10-786-720-3644/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-3643
                                                                                                                                                                                                                                                                                                                   US-10-786-720-3645
                                                                                                                                                                                                                                                                                                                                  RESULT 854
                                                                                                                                                                                                                                                       Sequence 3645, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
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SEQ ID NO 3644
LENGTH: 21
                                                      SEQ ID NO 3645
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Best Local Similarity
Matches 16; Conserv
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                                                                                                      APPLICANT: Ó'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
TILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031096-022000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                     NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 21135
                 LENGTH: 21
TYPE: RNA
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ORGANISM: RNAi-antisense strand
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Pred. No. 8.2e+02;
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Pred. No. 8
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RESULT 857
US-10-786-720-4353
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US-10-786-720-4351/c
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US-10-786-720-4352/c
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; ORGANISM: Homo sapiens
US-10-786-720-4351
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US-10-786-720-4352
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APPLICANT: O'TOOle, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
LENGTH: 21
                                                                                                                                 Query Match .
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                              TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISSASES FILE REFERENCE: 031896-023000 (AM101331L) CURRENT APPLICATION NUMBER: US/10/786,720 CURRENT FILING DATE: 2004-02-26 NUMBER OF SEQ ID NOS: 21135 SOFTWARE: PatentIN version 3.2 SEQ ID NO 4352 LENGTH: 21
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity
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APPLICANT: O'Toole, Margot .
APPLICANT: Liu, Wei
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Pred. No. 8.2e+02;
0; Mismatches 2
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Pred. No. 8.2e+02;
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5083
LENGTH: 21
TYPE: DNA
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; Sequence 5084, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:
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; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-4353
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US-10-786-720-5083
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US-10-786-720-5083/c
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
APPLICANT: Wyeth
APPLICANT: O'TOOLE, MARGOT
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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Best Local Similarity
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Local Similarity 77.8%;
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Pred. No. 8.2e
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Pred. No. 8.2e+02
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SOFTWARE: PatentIn version 3:2

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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VETSION 3.2
SEQ ID NO 12931
LENGTH: 21
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                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12931
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; ORGANISM: RNAi-antisense strand
US-10-786-720-5085
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US-10-786-720-5085
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-0223000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 5085
LENGTH: 21
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Best Local Similarity
Matches 14; Conserva
                                                                     Best Local Similarity
Matches 16; Conserv
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Best Local Similarity 88.9%;
Matches 16; Conservative
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LENGTH: 21
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
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2; Mismatches
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Pred. No. 8.2e
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Pred. No. 8.2e+02;
D; Mismatches 2;
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                                                                   Gaps
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RESULT 864
US-10-786-720-13720
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TYPE: DNA
CORGANISM: Homo sapiens
US-10-786-720-13546
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US-10-786-720-13546
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SOSTWARE: Patentin version 3.2
SEQ ID NO 13546
LENCTU.
                                                                                                                        Sequence 13720, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13548
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13546, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNDBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1015 AAAGCATGGACACCAGTG 1032
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Pred. No. 8.2e+02
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Pred. No. 8.
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                                            FOR DIAGNOSING AND TREATING AUTOIMMUNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FOR DIAGNOSING AND TREATING AUTOIMMUNE
                                                                                                                                                                                                                                                                                                                                                                                       Length 21;
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RESULT 866
US-10-786-720-13722/c
US-10-786-720-13722/c
Sequence 13722, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
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                                                                                                                                        ; ORGANISM: RNAi-antisense strand
US-10-786-720-13722
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US-10-786-720-13720
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Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: C'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNMERR: US/10/786,720
CURRENT APPLICATION TO SECULUL OF TO SECULUL ON TO SECULUL 
                                                                                                                                                          APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13722
LENGTH: 21
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CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13720
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative
   Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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Matches 1
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16; Conserv
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Score 14.8; DB 1;
Pred. No. 8.2e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.8; DB 1;
Pred. No. 8.2e+02;
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Pred. No. 8.2e+02;
0; Mismatches 2
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                                                               Length 21;
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       Gaps
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US-10-786-720-13768
RESULT 869
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                                                                                                                                                                                                                                                                                                   APPLICANT: Wyeth
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERBION 3.2
SEQ ID NO 13769
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 03186-02300 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SQUTMARE: Patentin version 3.2
SEQ ID NO 13768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 13769, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                             TYPE: RNA
ORGANISM: RNAi-sense strand
                                                                                                               1015 AAAGCATGGACACCAGTG 1032
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                                                                    2 AAAUCAUGGACACCAGAG 19
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Pred. No. 8.2e+02
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Pred. No. 8.2e+02;
0; Mismatches 2
                                                                                                                                                                Mismatches
                                                                                                                                                                                                              DB 1;
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US-10-786-720-13770/c

Sequence 13770, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM1013311)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PAKENTIN VERSION 3.2
SEQ ID NO 13770
LENGTH: 21
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                                                                                                            APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21115
                                                                                                                                                                                                                                                                                                                                                                 US-10-786-720-14338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: RNAi-sense strand 
US-10-786-720-13802
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION UNMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13802
LENGTH: 21
                                                                                                                                                                                                                                                                                                    Sequence 14338, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
                                                         SOFTWARE: PatentIn version 3.2
SEQ ID NO 14338
LENGTH: 21
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Best Local Similarity
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TYPE: DNA
ORGANISM: Homo sapiens
-10-786-720-14338
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Pred. No. 8.2e+02;
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Pred. No. 8.2e+02;
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Sequence 15076, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOF
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 14340
TENCETH: 21
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US-10-786-720-14340/c
                                                               Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                    SEQ ID NO 15076
LENGTH: 21
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Best Local Similarity
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SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                      TYPE: DNA
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16; Conserv
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88.9%; Pred. No. 8.20
tive 0; Mismatches
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Pred. No. 8
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Pred. No. 8.2e+02;
0; Mismatches 2;
                                                                   Mismatches
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                                                                                               Length 21;
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RESULT 874 US-10-786-720-17483; Sequence 17483, A

Application US/10786720

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US-10-786-720-20320
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US-10-786-720-18671
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GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Uyeth
APPLICANT: Uit, wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REPERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VETSION 3.2
SEQ ID NO 20320
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Best Local S
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SEQ ID NO 18671
LENGTH: 21
TYPE: RNA
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
NUMBER OF SEQ ID NOS: 21135
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APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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ORGANISM: RNA1-sense strand
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Local Similarity 66.7%;
les 12; Conservarium
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Local Similarity 66.7%;
nes 12; Conservative
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Pred. No. 8.
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Pred. No. 8
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; ORGANISM: Homo sapiens US-10-786-720-20320
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US-10-786-720-20322
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US-10-786-720-20322/c
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SEQ ID NO 20322
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 40, Application US/09788038
Patent No. US20020072055A1
PATENT INFORMATION:
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
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Best Local Similarity
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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TYPE: DNA
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                                                 ZIP: 02109-1875

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/99/788,038
FILING DATE: 16-Feb-2001
CLASSIFICATION: CUMPER: 06/276 602
PRIOR APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5067 TTCTTCCTATCTCTGTGG 5084
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ATTORNEY/AGENT INFORMATION
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                   APPLICATION NUMBER: 09/226,683 FILING DATE: <Unknown>
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88.9%; Pred. No. 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <u>.</u>
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Pred. No. 8.2e+02
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                                                                                                                                                              Version #1.25
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RESULT 880
US-09-263-959-610/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
PRIOR FILING DATE: 2001-05-15
           APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND TH
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed
                                                                                                                                                 Sequence 610, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local
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LENGTH: 22
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                                                                                                 GENERAL INFORM
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 4593
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 40:
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Local Similarity 88.9%;
les 16; Conservat:...
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les 16; Conserv
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Seattle
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 22 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Hanley, Elizabeth A. REGISTRATION NUMBER: 33,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (617)227-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear ULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09969373
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Pred. No. 8.7e
0; Mismatches
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              701 Fifth Avenue
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                                                                                  THERAPEUTIC COMPOSITIONS AND METHODS WHICH
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US-09-837-621-40/c
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sest Local Similarity 88.9%;
Matches 16; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (206) 682-603
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Jone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: 14-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/267 000
FILING DATE: 05-MAD
CLASSIFTON-
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NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 921
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                 ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: RC-BOS MS-DOS
SOFTWARBE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                 REFERENCE/DOCKET NUMBER: UIZ-022CP TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
                                                                                                    APPLICATION NUMBER: 09/035,183
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                             APPLICATION NUMBER: US/09/837,621
FILING DATE: 17-Apr-2001
CLASSFEICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 41:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1594 AAACAGAGAAGGAGAAGA 1611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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TELEPHONE: (617)227-74
TELEFAX: (617)742-4214
                                                                    NAME: Hanley, Elizabeth A. REGISTRATION NUMBER: 33,505
                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                 STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 28 State Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (206)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jones, Douglas H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                An Iterative and Regenerative DNA Sequencing
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INFORMATION FOR SEQ ID NO: 40:

SEQUENCE

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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-782-604-37
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SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-837-621-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-782-604-37/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/782,604
CURRENT FILING DATE: 2001-02-14
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 37
LENGTH: 22
                                                                            SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 37, Application US/09782604
Publication No. US20030143534A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7, Application US/10112645 Publication No. US20020169127A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GOSWAMI, USHA
APPLICANT: BERNARDI, GII
APPLICANT: GOSWAMI, SUBH
APPLICANT: JOHNSON, ROBE
                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/280,514
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                            APPLICANT: Charmley, Patrick R. APPLICANT: Smith, Ryan C. APPLICANT: Argonza-Barrett, Rh
                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/112,645
CURRENT FILING DATE: 2002-03-28
                                                                                                                                                                                                                                                      TITLE OF INVENTION: Compositions and Methods
                                                                                                                                                                                                                                  FILE REFERENCE: CECH118764
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
FEATURE:
OTHER INFORMATION: Oligonucleotide PCR Primer
                                      ORGANISM: Artificial Sequence
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Local Similarity 88.9%;
les 16; Conservative
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GOSWAMI, SUBHASH CHANDER
JOHNSON, ROBERT K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                              Argonza-Barrett, Rhodora H.
                                                                                                                                                                                                                                                                      Wang, Kai P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
0; Mismatches 2
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                                                                                                                                                                                                                                                    for Diagnosing or Treating Psoriasis
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RESULT 885
US-10-083-246A-16/c
US-10-083-246A-16/c
; Sequence 16, Application US/10083246A
; Publication No. US20030152936A1
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PRIOR APPLICATION NUMBER: US/10/127,816
CURRENT FILING DATE: 2002-04:19
PRIOR APPLICATION NUMBER: US 60/285,408
PRIOR FILING DATE: 2001-04-20
PRIOR PILING DATE: 2001-04-25
PRIOR PILING DATE: 2001-04-25
PRIOR PILING DATE: 2001-04-25
PRIOR FILING DATE: 2001-04-25
PRIOR FILING DATE: 2001-0-22
PRIOR PILING DATE: 2001-10-22
PRIOR FILING DATE: 2001-10-25
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: US 60/341,105
PRIOR APPLICATION NUMBER: US 60/345,424
PRIOR FILING DATE: 2001-04-20
PRIOR FILING DATE: 2001-04-20
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                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Athena Diagnostics
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 54
LENGTH: 22
                                                         SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                FILE REFERENCE: 1133/2002
CURRENT APPLICATION NUMBER: US/10/083,246A
CURRENT FILING DATE: 2002-10-15
                                                                           SOFTWARE: PatentIn version 3.1
                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sheppard, Paul O. APPLICANT: Fox, Brian A. APPLICANT: Klucher, Kevin M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: C
TYPE: DNA ORGANISM: Artificial Sequence
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                                    ENGTH: 22
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Kindsvogel, Wayne R.
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vo. US20030104416A1
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Pred. No. 8.7e+02
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Pred. No. 8.7e+02
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                                                                                                                                                                                                     FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 22;
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US-10-096-578-83/c
; Sequence 83, Application US/10096578
; Publication No. US20030165874A1
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; LOCATION: (1)...(22)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-16
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US-10-345-092-60/c
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SEQ ID NO 60
LENGTH: 22
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SEQ ID NO 83
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                    TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BETITLE OF INVENTION: AND OTHER EPILEPSIES FILE REFERENCE: 2323-160
CURRENT APPLICATION NUMBER: US/10/96,578
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: US 09/177,650
PRIOR APPLICATION NUMBER: US 09/177,650
PRIOR APPLICATION NUMBER: US 60/063,147
PRIOR APPLICATION NUMBER: US 60/063,147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: FVR/ATC/V067
CURRENT APPLICATION NUMBER: US/10/345,092
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: 00202472.7
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/218,309
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 134
                                                                                                                                                                                                                                                                                                                             APPLICANT: Leppert, Mark F. APPLICANT: Singh, Nanda APPLICANT: Charlier, Carole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testi
                                                                                  NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn Ver. 2
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: lower primer OTHER INFORMATION: FVR2961
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Local Similarity 88.9%;
hes 16; Conservation
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Pred. No. 8.7e+02;
0; Mismatches 2
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; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-115-718A-3
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APPLICANT: Baciu, Peter C.
APPLICANT: Baciu, Peter C.
APPLICANT: Manuel, Verna M.
TITLE OF INVENTION: METHODS OF SCREENING AND USING
TITLE OF INVENTION: INHIBITORS OF ANGIOGENESIS
FILE REFERENCE: 17430 (AP)
CURRENT APPLICATION NUMBER: US/10/115,718A
CURRENT FILING DATE: 2002-03-04
CURRENT FILING DATE: 2002-03-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No.
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Best Local Similarity
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Best Local Similarity
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PRIOR FILING DATE: 2001-04-04
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL
                                                                          ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PStentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/372,696
FILING DATE: 24-Feb-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 41
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                                                                                                                                                                                                                            CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                          ADDRESSEE: LAHIVE & COCKFIELD, LLF
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INVENTION: An Iterative and Regenerative DNA
                                                                                                                                                                                                                                                                        28 State Street
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Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
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                                                                                                Version #1.25
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ATTORNEY/AGENT INFORMATION:

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; ORGANISM: Candida albicans
US-10-032-585-4627
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US-10-032-585-4627
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                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Terry, Roemer D.
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOPTWARE: Patentin version 3.1
SEQ ID NO 4627
LENGTH: 22
                                                                                                                                  Sequence 535, Application US/10092900A
Publication No. US20040043382A1
GENERAL INFORMATION:
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spytek, Kimberly A.
APPLICANT: Spytek, Kimberly A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4627, Application US/10032585 Publication No. US20030180953A1 GENERAL INFORMATION:
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Matches 16; Conserv
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                                                            APPLICANT:
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               APPLICANT:
                                 APPLICANT:
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                                                                                         Spytek, Kimberly A. Shenoy, Suresh G. Taupier Jr., Raymond Pena, Carol E.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
Gorman,
Miller,
                                           Gusev,
                                            Zerhusen, Bryan D. Gusev, Vladimir Y.
                           Ji, Weizhen
                                                                                                                                                                                                                                                                                                                                        Conservative
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ilarity 88.9%;
Conservative
Charles E
                                                                                                                                                                                                                                                                                                                                                     0.3%;
               Linda
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                                                                                                         Raymond
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Score 14.8; D
; Pred. No. 8.7e
0; Mismatches
                                                                                                                                                                                                                                                                               20
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                                                                                                                                                                                                                                                                                                                                                     Score 14.8; DB 1;
Pred. No. 8.7e+02;
                                                                                                         <u>.</u>
                                                                                                                                                                                                                                                                                                                                       Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8; DB 1;
8.7e+02;
                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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US-10-236-417-338

Sequence 338, Application US/10236417
Publication No. US20040048256A1
GENERAL INFORMATION:
APPLICANT: Agee et al.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME FILE REFERENCE: 21402-442C
CURRENT APPLICATION NUMBER: US/10/236,417
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US60/318,120

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RESULT 892
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                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: Forward US-10-092-900A-535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/092,900A
CURRENT FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: USSN 60/274,322
PRIOR FILING DATE: 2001-03-08
PRIOR PELICATION NUMBER: USSN 60/283,675
PRIOR FILING DATE: 2001-04-13
PRIOR FILING DATE: 2001-04-13
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: USSN 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/274,191
PRIOR APPLICATION NUMBER: USSN 60/274,191
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/325,681
PRIOR APPLICATION NUMBER: USSN 60/304,354
PRIOR APPLICATION NUMBER: USSN 60/304,354
PRIOR APPLICATION NUMBER: USSN 60/279,995
PRIOR APPLICATION NUMBER: USSN 60/279,995
PRIOR APPLICATION NUMBER: USSN 60/294,899
PRIOR APPLICATION NUMBER: USSN 60/287,424
PRIOR APPLICATION NUMBER: USSN 60/287,424
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: USSN 60/287,424
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: USSN 60/287,424
                                                                                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 768 SEQ ID NO 535
                                                                                                                                                                      Matches
                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                             LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 21402-2900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NPPLICANT: Burgess, Catherine E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PPLICANT:
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                                                                                                                                                                                            Local
                                                                                               1095 TCTGAATTTGTGAAGACA 1112
                                                                                                                                                            0.3%;
al Similarity 88.9%;
16; Conservation
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                                                                      TCAGCATTTGTGAAGACA
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Rieger, Daniel K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Zhong, Haihong
Alsobrook, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Malyankar, Uriel M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tchernev,, Velizar
Fernandes, Elma R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Vernet,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patturajan, Meera
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Catterton, Elina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Casman, Stacie J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        eite, Mario W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Xiaojia Sasha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Corine A.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Valerie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            David W.
Steven K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Esha A.
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                                                                                                                                                                                          Score 14.8; DB 1;
Pred. No. 8.7e+02
                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                   DB 1; Length 22;
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                                                                                                                                                                      Indels
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RESULT 894
US-10-307-817-607/c
; Sequence 607, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artifical Sequence: US-10-307-817-464
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Best Local S
Matches 16
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TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-502C
CURRENT APPLICATION NUMBER: US/10/307,817
CURRENT FILING DATE: 2002-12-02
NUMBER OF SEQ ID NOS: 682
SOFTWARE: CURSEQLIST VERSION 0.1
SEQ ID NO 464
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 464, Application US/10307817 Publication No. US20040058338A1 GENERAL INFORMATION:
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SEQ ID NO 338
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US60/323,519 PRIOR FILING DATE: 2001-09-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2001-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2001-09-17
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                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Forward
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                                                                                                                                                                                                 Local Similarity
nes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 2002-07-17
APPLICATION NUMBER: US60/322,636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US60/322,816
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US60/396,412
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US60/361,663 FILING DATE: 2002-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US60/322,781
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                                                                                                                                                             ATTCTACCTGGAGTTCCA 2767
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                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                0.3%;
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                                                                                                                             'n
                                                                                                                                                                                               Score 14.8; I
Pred. No. 8.7e
0; Mismatches
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Pred. No. 8.7e+02;
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                                                                                                                                                                                                                 8.7e+02
                                                                                                                                                                                                                                  DB 1;
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                                                                                                                                                                                                                                                                                         Primer/Probe
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Sequence 50, Application US/08979847
Publication No. US20030039664A1
GENERAL INFORMATION:
APPLICANT: PERRON, HERVE
APPLICANT: BESEME, FREDERIC
APPLICANT: BEDIN, FREDERIC
APPLICANT: PARANHOS-BACCALA, GLAUC:
APPLICANT: PARANHOS-BACCALA, GLAUC:

APPLICANT:

PERRON, HERVE
BESEME, FREDERIC
BEDIN, FREDERIC
BEDIN, FREDERIC
PARANHOS-BACCALA, GLAUCIA
KOMURIAN-FRADEL, FLORENCE
JOLIVET-REYNAUD, COLETTE
MANDRAND, BERNARD
GARSON, JEREMY

US-08-979-847-50

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NUMBER OF SEQ ID NOS: 682
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 607
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                     Query Match
Best Local S
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 3
LENGTH: 22
TYPE: DNA
                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 17430(AP)
CURRENT APPLICATION NUMBER: US/10/697,487
CURRENT FILING DATE: 2003-10-29
PRIOR APPLICATION NUMBER: US/10/115,718A
PRIOR FILING DATE: 2002-03-04
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Baciu, Peter C.
APPLICANT: Zhang, Heying
APPLICANT: Manuel, Verna M.
TITLE OF INVENTION: METHODS OF SCREENING AND USING
TITLE OF INVENTION: INHIBITORS OF ANGIGGENESIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FÎLE REFERENCE: 21402-502C
CURRENT APPLICATION NUMBER: US/10/307,817
CURRENT FILING DATE: 2002-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Agee et al.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/281,512
PRIOR FILING DATE: 2001-04-04
                                                                                                                                                             OTHER INFORMATION: Oligonucleotide primer
                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artifical Sequence:
                                  4866 GCCAAGGCCTGTGCCAGG 4883
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21
                                                                          16;
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                                                                                         Similarity
 GCAAAGGCATGTGCCAGG
                                                                        Conservative
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                                                                                         88.9%;
                                                                                                          0.3%;
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                                                                                         Score 14.8; DB 1
Pred. No. 8.7e+02
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Pred. No. 8.7e+02;
                                                                        Mismatches
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                                                                                                            DB 1;
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                                                                                                        Length 22;
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                                                                        Indels
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                                                                        Gaps
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APPLICANT: Hovanessian,
APPLICANT: Callebaut, (
APPLICANT: Krust, Bern
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/09825886 Publication No. US20020076693A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                  CURRENT FILING DATE: 2001-07-26
PRIOR APPLICATION NUMBER: 09/393,302
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: PCT/EP98/01409
PRIOR FILING DATE: 1998-03-12
                                                                                                                                                                                              APPLICANT: Guichard, Giles
TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES.
FILE REFERENCE: 03495.0166-01000
CURRENT APPLICATION NUMBER: US/09/825,886
CURRENT FILING DATE: 2001-07-26
                     SOFTWARE: PatentIn Ver. 2.1 EQ ID NO 6
                                                             NUMBER OF SEQ ID NOS: 32
                                                                              PRIOR APPLICATION NUMBER: 60/040,969 PRIOR FILING DATE: 1997-03-12
                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 703-836-2787 INFORMATION FOR SEQ ID NO:
EQ ID NO 6
LENGTH: 21
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NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 39046A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERRIDGE,
STREET: P.O. BOX 19928
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TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACT
TITLE OF INVENTION: THERAPEUTIC PURPOSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
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FILING DATE: 26-NOV-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
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17; Conserv
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Muller, Sylviane
Briand, Jean-Paul
                                                                                                                                                                                                                                                                                                                                                                                    Krust, Bernard
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Pred. No. 8.8e+02;
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; ORGANISM: Artificial Sequence; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: primer
US-09-825-886-6
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                                                     ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA US-09-774-414-17
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US-09-774-414-17
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APPLICANT: Leader, Philip
APPLICANT: Leader, Benjamin
TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 00383/052002
CURRENT APPLICATION NUMBER: US/09/835,232
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: US 60/196,811
PRIOR APPLICATION NUMBER: US 60/196,811
PRIOR FILING DATE: 2000-04-13
                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: The Institute of Physical and Chemical Research
TITLE OF INVENTION: Endonuclease
                                                                                                                          SOPTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
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LENGTH: 21
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Best Local S
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Query Match
Best Local Similarity
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                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/774,414
CURRENT FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 09/306,970
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                        FILE REFERENCE: PH-651
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                                                                                                         ORGANISM: Artificial Sequence
                                                                                         FEATURE:
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nes 17; Conserv
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Pred. No. 8
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Pred. No. 8
Score 14.6; DB 1;
Pred. No. 8.8e+02;
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RESULT 901
US-09-759-352-24
; Sequence 24, Application US/09759352
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US-09-944-411-26
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Patent No. US20020106799A1
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/944,411
FILING DATE: 04-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/914,893
FILING DATE: <Unknown-
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4414 ATAATAATATTAATAATA 4434
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                                                                                                                                               264 CCCCCCCCCCCCCCCCTCTCTCCC 284
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                                                                                                                                                                                                                                                                                                                                              LENGTH: 21 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                         CCACCCTCACTCTGCTTCTC 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: FOSTER CITY
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                                                                                                                                                                                                        Score 14.6; DB 1;
Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                   ; MOLECULE TYPE: DNA (genomic); SEQUENCE DESCRIPTION: SEQ ID NO: 24: US-09-759-352-24
                                                                                                                              US-09-771-009-12/c
                                                                                                                                               RESULT 902
  Sequence 12, Application US/09771009
Patent No. US20020157131A1
GENERAL INFORMATION:
APPLICANT: HOLZBERG, STEVEN P.
APPLICANT: POGUE, GREGORY P.
TITLE OF INVENTION: CYTOPLASMIC INHIBITION OF GENE
                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/567,393
FILING DATE: 01-DEC-1995
APPLICATION NUMBER: US 08/475,442
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/238,405
FILING DATE: 05-MAY-1994
APPLICATION NUMBER: US 07/988,194
FILING DATE: 09-DEC-1992
APPLICATION NUMBER: US 07/627,643
FILING DATE: 13-DEC-1990
APPLICATION NUMBER: WO PCT/US91/09431
FILING DATE: 12-DEC-1991
APPLICATION NUMBER: WO PCT/US91/09431
FILING DATE: 12-DEC-1991
APPLICATION NUMBER: WO PCT/US91/09431
FILING DATE: 12-DEC-1991
                                                                                                                                                                                                                                                                                                            Local
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                 264 CCCCCCCTCTCTCTCTTCTC 284
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                                                                                                                                                                                                        CCACCCCTCACTCTGCTTCTC 21
                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: KRUPEN, KAREN I
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 5.13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415)358-9600 X131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415)349-7392
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IRVING, BRYAN A
ROBERTS, MARGO R
                                                                                                                                                                                                                                                                                                            81.0%;
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Pred. No. 8.8e+02;
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/759,352
FILING DATE: 16-Jan-2001 TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR-ASSOCIATED SIGNAL TRANDUCTION PATHWAYS

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Best Local Similarity
The 17; Conserv
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; ORGANISM: Barley stripe mosaic virus
US-09-771-009-12
                                                                                                      GENERAL INFORMATION:
APPLICANT: Joel CROUZET
APPLICANT: Daniel SCHERWAN
APPLICANT: Beatrice CAMERON
APPLICANT: Pierre WILS
APPLICANT: Anne-Marie DARQUET
TITLE OF INVENTION: DNA MOLECULES, PREPARATION
FILE REFERENCE: MINICIRCLE
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Best Local Similarity 81.0
Matches 17; Conservative
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SEQ ID NO 12
LENGTH: 21
SEQ ID NO 25
LENGTH: 21
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Publication No. US20030032092A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: TANKELEY, Steven D.
TITLE OF INVENTION: GENE CONTROLLING FRUIT
TITLE OF INVENTION: PLANTS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/898,659
CURRENT FILING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: 60/215,824
PRIOR FILING DATE: 2000-07-05
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
                                                 CURRENT APPLICATION NUMBER: US/09/981,803
CURRENT FILING DATE: 2001-10-19
NUMBER OF SEQ ID NOS: 50
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CURRENT APPLICATION NUMBER: US/09/771,009
CURRENT FILING DATE: 2001-01-25
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                   SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 19603/321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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Pred. No. 8.8e+02
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Pred. No. 8.8e+02
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SOFTWARE: Pace SOFTWARE: Pace SEQ ID NO 150

NUMBER OF SEQ ID NOS: 260

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PatentIn version 3.1

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CURRENT APPLICATION NUMBER: US/09/923,327
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: US 08/598,591
PRIOR FILING DATE: 1996-02-12
PRIOR PILING DATE: 1997-02-12
PRIOR PILING DATE: 1997-02-12
PRIOR PILING DATE: 1997-02-12
PRIOR PILING DATE: 1997-08-04
PRIOR FILING DATE: 1997-08-04
PRIOR FILING DATE: 1999-05-22
PRIOR FILING DATE: 1998-05-22
PRIOR FILING DATE: 1998-05-22
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: US 09/129,134
PRIOR PILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: US 09/129,134
PRIOR PILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: US 09/129,794
PRIOR APPLICATION NUMBER: US 09/524,794
PRIOR FILING DATE: 2000-03-14
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Publication No. US20030040029A1
GENERAL INFORMATION:
APPLICANT: The Research Foundation of State University of New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 21
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Publication No.
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Best Local Similarity
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Best Local
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                                                                                                                                                                                                                                                                                                           APPLICANT: MURPHY, Patricia D.
TITLE OF INVENTION: Determining Common Functional Alleles
FILE REFERENCE: 044921-5054-02
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ORGANISM: Artificial Sequence
FEATURE:
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17; Conserv
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Pred. No. 8
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Pred. No. 8.8e+02
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Sequence 4, Application US/09896692B

; Publication No. US20030100521A1

; GENERAL INFORMATION:

APPLICANT: AGrawal, Sudhir

TITLE OF INVENTION: No. US20030100521A1el HIV-Specific Synthetic Oligonucleotides and TITLE OF INVENTION: Nethods of Their Use

; TITLE OF INVENTION: Nethods of Their Use

; FILE REFERENCE: 47508.556 (HYZ-069)

; CURRENT APPLICATION NUMBER: US/09/896,692B

; CURRENT FILING DATE: 2002-10-17

; PRIOR APPLICATION NUMBER: US 08/914,827

; PRIOR APPLICATION NUMBER: US 08/914,827

; PRIOR FILING DATE: 1997-08-19

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 4

; LENGTH: 21

; ORGANISM: Artificial Sequence

; FEATURE:
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US-09-896-692B-3
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                                                                                                            ; FEATURE: ; OTHER INFORMATION: synthetic modified antisense oligonucleotide US-09-896-692B-4
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Best Local Similarity
Matches 17; Conserv
                                       Best Local Similarity Matches 17; Conserv
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Best Local Similarity
                                                                               Query Match
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TITLE OF INVENTION: No. US20030100521A1el HIV-Specific Synthetic Oligonucleotides and
TITLE OF INVENTION: Methods of Their Use
FILE REFERENCE: 47508.556 (HYZ-069)
CURRENT APPLICATION NUMBER: US/09/896,692B
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: US 08/914,827
PRIOR FILING DATE: 1997-08-19
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Artificial Sequence
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  263 CCCCCCCCTCTCTCTTTCT 283
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                                                        Score 14.6; DB 1;
Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02
                                         Mismatches
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GENERAL INFORMATION:

APPLICANT: Duke University
APPLICANT: Sullenger, Bruce
APPLICANT: Rusconi, Christopher
TITLE OF INVENTION: RNA APTAMERS AND METHODS
FILE REFERENCE: 180/124/2
CURRENT APPLICATION NUMBER: US/09/963,827B
CURRENT FILLING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/235,654
PRIOR FILLING DATE: 2000-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE:
, NAME/KBY: misc feature
, LOCATION: (1)...(21)
, OTHER INFORMATION: RNA aptamer
US-09-963-8278-62
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.0
SEQ ID NO 62
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 19, Appublication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 62, Application US/09963827B Publication No. US20030175703A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 227
                                                                                                                                                                                                                                                    APPLICANT: Menzel, St
TITLE OF INVENTION: N
TITLE OF INVENTION: I
TITLE OF INVENTION: I
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: RNA aptamer
                   SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                          COUNTRY: US
ZIP: 77210
                                                                                                                                                                                               ADDRESSEE:
STREET: P.
                                                                                                                                                                STATE:
                                                                                                                                                                                 CITY:
APPLICATION NUMBER: US/09/754,106
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17; Conserv
                                                                                                                                                                                 Houston
                                                                                                                                           Texas
                                                                                                                                                                                   Kaisaki, Pamera. -
Furuta, Hiroto
Furuta, Hiroto
Monzel, Stephen
MUTATION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TATION: AND HNF-4ALPHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/09754106
No. US20030224355A1
                                                                                                                                                                                                                                                                                                                                                                                                     Yamagata, Kazuya
Oda, Naohisha
                                                                                                                                                                                                                                                                                                                                                                                                                                          Bell, Graeme I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 14.6; DB 1;
81.0%; Pred. No. 8.8e+02;
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FILE REFERENCE: DYAX/002
CURRENT APPLICATION NUMBER: US/09/837,306
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: 60/198,069
PRIOR FILING DATE: 2000-04-17
NUMBER OF SEQ ID NOS: 428
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 111
LENGTH: 21
                                                                                        В
RESULT 912
US-09-941-398-3
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; OTHER INFORMATION: oligonucleotide
US-09-837-306-111
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REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                           Query Match 0.3%; Score 14.6; DB 1; Length 21; Best Local Similarity 81.0%; Pred. No. 8.8e+02; Matches 17; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LADNER, ROBERT C.
APPLICANT: COHEN, EDWARD H.
APPLICANT: NASTRI, HORACIO G.
APPLICANT: ROOKEY, KRISTIN L.
APPLICANT: HOET, RENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES OF GENETIC TITLE OF INVENTION: PACKAGES THAT COLLECTIVELY DISPLAY THE MEMBERS OF A TITLE OF INVENTION: DIVERSE FAMILY OF PEPTIDES, POLYPEPTIDES OR PROTEINS
                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/028,056 FILING DATE: 02-OCT-1996 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60 FILING DATE: 10-SEP-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               y Match 0.3%;
Local Similarity 81.0%;
hes 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                    1036 TTCCAGAAGAGCATCTTAAGG 1056
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                                                                                        TTGCAGATGAACAGCTTAAGG 21
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Pred. No. 8.8e+02;
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APPLICANT: Levesque, Paul C.
APPLICANT: Little, Wayne A.
APPLICANT: Neubauer, Michael G.
APPLICANT: Weubauer, Michael G.
APPLICANT: Yang, Men-Pin
TITLE OF INVENTION: KCNQ POTASSIUM CHANNELS AND METHODS OF MODULATING SAME
FILE REFERENCE: DC58aDIV
CURRENT ETLING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 09/105,058
PRIOR FILING DATE: August 12, 1998
PRIOR FILING DATE: August 12, 1997
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 16
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: NIFORMATION: Description of Artificial Sequence: Reverse
OTHER INFORMATION: primer from EST sequence similar to the KVLQT gene
US-10-128-870-16
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Publication No. US20040086494A1

GENERAL INFORMATION:

APPLICANT: John, Constance M.

TITLE OF INVENTION: INMUNE PRIVILEGED CELLS FOR DELIVERY OF PROTEINS AND PEPTIDES

FILE REFERENCE: 3157.00006

CURRENT APPLICATION NUMBER: US/09/941,398

CURRENT FILING DATE: 2001-08-28

PRIOR APPLICATION NUMBER: 09/131,501

PRIOR FILING DATE: 1998-08-09

PRIOR APPLICATION NUMBER: 09/726,531

PRIOR APPLICATION NUMBER: 08/726,531

PRIOR FILING DATE: 1998-10-07

NUMBER OF SEQ ID NOS: 9

SOFTMARE: PatentIn version 3.2

SEQ ID NO 3

LENGTH: 21

Type: Num
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; LOCATION: (1)..(21)
; OTHER INFORMATION: primer
US-09-941-398-3
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US-10-128-870-16/c
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                                                                               Query Match
Best Local Similarity
Matches 17; Conserv
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APPLICANT: Blanar, Michael A.
APPLICANT: Dworetzky, Steven
APPLICANT: Gribkoff, Valenti
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%;
Best Local Similarity 81.0%;
Matches 17; Conservative
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ORGANISM: artificial sequence
FEATURE:
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                                    2614 GCCCTGTCTTTGCCACATTTG 2634
21 GCAACGTCTTTGCCACATCTG 1
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Gribkoff, Valentin K.
Levesque, Paul C.
Little, Wayne A.
                                                                                   Conservative
                                                                               0.3%; Score 14.6; DB 1;
81.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 4;
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Pred. No. 8.8e+02;
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                                                                                     Indels
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US-10-252-384-19/c
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SEQ ID NO 16
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 19, Application US/10252384 Publication No. US20030104444A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local :
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Publication No. US20030044912A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/131,685
CURRENT FILLING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 09/105,058
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: US 60/055,599
PRIOR FILING DATE: 1997-08-12
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Blanar, Michael A. APPLICANT: Levesque, Paul C. APPLICANT: Little, Wayne A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Neubauer, Michael G.
APPLICANT: Yang, Wen-Pin
TITLE OF INVENTION: KCNQ POTASSIUM CHANNELS AND METHODS OF MODULATING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Reverse OTHER INFORMATION: primer from EST sequence similar to the KVLQT gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
hes 17; Conserv
                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                              APPLICATION NUMBER: US/10/252,384
FILING DATE: 24-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                     DARQUET, Anne-Marie
TITLE OF INVENTION: DNA MOLECULES, PREPARATION THEREOF
USE THEREOF IN GENE THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: CROUZET, Joel
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                                                                                                                                                                                                                                                                                                                        CITY: Collegeville
STATE: PA
APPLICATION NUMBER: US/08/894,511 FILING DATE: <Unknown>
APPLICATION NUMBER: FR 95/02117
                                                                                                                                                                                                                                                                                    ZIP: 19426
                                                                                                                                                                                                                                                                                                      COUNTRY: USA
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CAMERON, Beatrice
WILS, Pierre
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Pred. No. 8.8e+02;
0; Mismatches 4;
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INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-252-384-19
                                                                            US-10-005-956-468/c
; Sequence 468, Application US/10005956; Publication No. US20030113726A1; GENERAL INFORMATION:
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; OTHER INFORMATION: Artificial sequence
US-10-195-781A-10
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                                                                                                                                                      RESULT 917
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Best Local Similarity
Matches 17; Conserv
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Best Local
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APPLICANT: Li, Chun Ping
APPLICANT: Niu, Xiaomu
TITLE OF INVENTION: Vascular Tissue-Preferred Promoters
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 1309
CURRENT APPLICATION NUMBER: US/10/195,781A
CURRENT FILING DATE: 2002-09-04
                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 23-FEB-1995
APPLICATION NUMBER: WO FR96/00274
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                      4751 ATGGCTAGGCTGAGAGCAGGG 4771
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17; Conserv
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REGISTRATION NUMBER: 29,699
REFERENCE/DOCKET NUMBER: ST95013-US
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Pred. No. 8.
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Pred. No. 8.
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US-10-005-956-744
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; ORGANISM: homo sapiens
US-10-005-956-468
                                                                                                                                                                                         Sequence 744, Application US/10005956
Publication No. US20030113726A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOPTWARE: PATENTIN VERSION 3.0
SEQ ID NO 743
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SEQ ID NO 468
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                                                 PILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
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CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR FILING DATE: 2001-01-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
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TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
                PRIOR APPLICATION NUMBER: 60/273,037 PRIOR FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: D0053NP
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es 17; Conserv
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SEQ ID NOS: 1579
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
0; Mismatches 4
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CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR FILING DATE: 2001-023
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOPTWARE: Patentin version 3.0
SEQ ID NO 749
LENGTH: 21
TYPE: DNA
OPCANION.
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US-10-005-956-749
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US-10-005-956-749
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; ORGANISM: Homo sapiens
US-10-005-956-750
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Best Local Similarity 81.0%;
Matches 17; Conservative
                                                    SOFTWARE: PatentIn version 3.0 SEQ ID NO 750 LENGTH: 21
                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      Sequence 750, Appublication No.
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Best Local
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Publication No.
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TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
                                                                                                                           PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
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PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
                                                                                                                                                                                                                                                                                                 APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
                                                                                                             NUMBER OF SEQ ID NOS: 1579
                                                                                                                                                                                                                                                                                 FILE REFERENCE:
                                   LENGTH: 21
TYPE: DNA
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TYPE: DNA
ORGANISM: Homo sapiens
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o. US20030113726A1
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Pred. No. 8.8e+02;
0; Mismatches 4
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Pred. No. 8.8e+02
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US-10-020-478-4
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Best Local S
Matches 17
                                                                    Query Match
Best Local S
Matches 17
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APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randc
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic
FILE REFERENCE: BPO101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
LENGTH: 21
                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/020,478
CURRENT FILING DATE: 2001-12-13
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 4
LENGTH: 21
                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF B-CELL ASSOCIATED PROTEIN EXPRESSION
FILE REFERENCE: RTS-0303
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/10020478 Publication No. US20030144224A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 25, Application US/10255434
Publication No. US20030129626A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Nielsen, Kirsten V.
                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic OTHER INFORMATION: Oligomer Sequence
                                                                                                                                                          OTHER INFORMATION: PCR Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                    Local Similarity hes 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4999 TGCTCTCCAGCCTGCCCA 5019
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17; Conserv
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GCAAGAACCCTGGCTACATCA 21
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                                                                    Conservative
                                                                                  0.3%;
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                                                                                  Score 14.6; DB 1;
Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
0; Mismatches 4
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Pred. No. 8.8e+02;
                                                                    Mismatches
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                                                                                 8.8e+02
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APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
ITITLE OF INVENTION: Identification of Chemically Modified Pol:
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT PILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR APPLICATION NUMBER: US 60/301,370
IPRIOR PILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 15
RESULT 926
US-10-308-485-14
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US-10-218-969-80/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-15
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US-10-184-085A-15/c
                                                                                                                                                                                                                                                                       US-10-218-969-80
                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/312,220
PRIOR PRILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: US 60/312,220
PRIOR PRILING DATE: 2001-08-14
PRIOR PRILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 120
SOFTWARE: Pagreer
                                                                                                                                                                            Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 80
LENGTH: 21
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Best Local Similarity 81.0%;
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Sealfon, Stuart
APPLICANT: Yuen, Tony
APPLICANT: Yuen, Tony
APPLICANT: Wurmbach, Elisa
TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling For High Content
TITLE OF INVENTION: Profiling and Toxicity Screening
FILE REFERENCE: 2459-1-007N
CURRENT APPLICATION NUMBER: US/10/218,969
CURRENT FILING DATE: 2002-08-14
                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                    2820 GGAAGTGAGGGGGAGCTGGTG 2840
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                                                                                                                                                                                 Conservative
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81.0%; Pred. No. 8.8e+02
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Pred. No. 8.8e+02;
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Sequence 14, Application US/10308485 Publication No. US20030170683A1 GENERAL INFORMATION:

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RESULT 928
US-10-275-071-26/c
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Sequence 26, Application US/10275071
Publication No. US20030186268A1
GENERAL INFORMATION:
APPLICANT: Crouzet, Joel
                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
LENGTH: 21
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TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 00383/052002
CURRENT APPLICATION NUMBER: US/10/308,485
CURRENT FILING DATE: 2002-12-03
PRIOR APPLICATION NUMBER: US/09/835,232
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: US 60/196,811
PRIOR APPLICATION NUMBER: US 60/196,811
PRIOR APPLICATION NUMBER: US 60/196,811
PRIOR FILING DATE: 2000-04-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 27866/36544
CURRENT APPLICATION NUMBER: US/10/369,378
CURRENT FILING DATE: 2003-02-19
PRIOR APPLICATION NUMBER: US/09/596,248D
PRIOR FILING DATE: 2000-06-16
PRIOR FILING DATE: 2000-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Christenson, Erik
APPLICANT: DeWaggio, Anthony J
APPLICANT: Goldman, Phyllis S
APPLICANT: McElligott, David L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/139,543 PRIOR FILING DATE: 1999-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials and TITLE OF INVENTION: Methods
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                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Leader, Benj
                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Primer
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Local Similarity 81.0%;
les 17; Conservative
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Pred. No. 8.8e+02;
0; Mismatches 4
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Pred. No. 8.8e+02
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APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
FILE REFERENCE: 08888.0138-02
CURRENT APPLICATION NUMBER: US/10/275,071
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/580,923
PRIOR APPLICATION NUMBER: 09/580,923
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR APPLICATION NUMBER: PCT/FR95/01468
NUMBER OF SEQ ID NOS: 36
SOFTMANDE: DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 36
SOFTMANDE: DATE: 1995-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide US-10-275-071-26
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CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/580,923
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR APPLICATION NUMBER: DET/FR95/01468
PRIOR APPLICATION NUMBER: DET/FR95/01468
PRIOR FILING DATE: 1995-11-08
PRIOR FILING DATE: 1995-11-08
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Publication No.
                                                                       Matches
                                                                                       Query Match
Best Local (
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LENGTH: 21
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 36
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APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
FILE REPERENCE: 08888.0138-02
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                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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2802 GAAGGAGAAATGAAGAAGGA 2822
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17; Conserv
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Wils, Pierre
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to. US20030186268A1
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llarity 81.0%;
Conservative
                                                                                       Score 14.6; DB 1;
Pred. No. 8.8e+02;
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US-10-091-281-295
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          Sequence 295, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISETTE, JEAN
TITLE OF INVENTION: OPTIMEURIN NUCLEIC ACID MOLECULES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 54, Application US/10430442 Publication No. US20030186391A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleotide
STRANDEDNESS: single
FILE REFERENCE: 13587.338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/691,563 FILING DATE: 02-AUG-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTMARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/430,442
FILING DATE: 07-May-2003
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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BETTIAT MANDRAND

TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS

ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR
                                                                                                                                                                                                                                                                         3581 CCTGAGTTCCTTCCCTAAGCC 3601
                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                    CCTGAGTTCTTGCACTAACCC 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                                                                Conservative
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Frederic BEDIN
Glaucia PARANHOS-BACCALA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Florence KOMURIAN-PRADEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             700 South Washington Street, Suite 300
                                                                                                                                                                                                                                                                                                                               0.3%;
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Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                 Length 21;
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                  AND USES THEREOF
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US-10-114-104-50
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CURRENT APPLICATION NUMBER: US/10/091,281
CÜRRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 295
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 932
US-10-091-281-296/c
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APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, SEWIN
APPLICANT: SEWIN
APPLICANT: MORISETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
Best Local Similarity 81.0%;
Matches 17; Conservative
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CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 296
LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                              Sequence 50, Applicati
Publication No. US2003
GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Putative REBV/EBVR.01 motif
                                                      TUKE, PHILIP
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR
THERAPEUTIC PURPOSES
NUMBER OF SEQUENCES: 210
CORRESPONDENCE ADDRESS:
CORDENSSEE: OLIFF & BERRIDGE, PLC
STREET: P.O. BOX 19928
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No. US20030198647A1
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BESEME, FREDERIC
                                                                                                                                             MANDRAND, BERNARD GARSON, JEREMY
                                                                                                                                                                                   PARANHOS-BACCALA,
KOMURIAN-PRADEL,
JOLIVET-REYNAUD,
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81.0%;
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Pred. No. 8.8e+02
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Pred. No. 8.8e+02;
0; Mismatches 4
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                                                                                          DIAGNOSTIC,
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; MOLECULE TYPE: CDNA SEQUENCE DESCRIPTION: SEQ ID NO: US-10-114-104-50
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US-10-260-516-26
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FILING DATE: 26-NOV-1997
ATTORNEY AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 39046A
REFERENCE/DOCKET NUMBER: WPB 39046A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-5400
TELEPAR: 703-836-2787
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/260,516
FILING DATE: 01-OCt-2002
CLASSIFICATION: Unknown>
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/10/114,104
FILING DATE: 03-Apr-2002
CLASSIFICATION: - AURHOWN>
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
                                                                                                                                                                                                                                                                                                                                                                                FARSON, DEBORAH A.

TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER

VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION

OF MAMMALIAN CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3581 CCTGAGTTCCTTCCCTAAGCC 3601
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: FINER, MITCHELL H. DULL, THOMAS J.
PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleotide STRANDEDNESS: single
                                                                                                                                                                                                                                  STATE: CALIFORNIA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CCTGAGTTCTTGCACTAACCC 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 21 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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Pred. No. 8.8e+02;
                                                                                                        Version #1.25
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US-10-290-461-14
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                                                                                                                                                                                                                                                                                                                                     CÜRRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: US 60/215,643
PRIOR APPLICATION NUMBER: US 60/219,554
PRIOR APPLICATION NUMBER: US 60/219,554
PRIOR APPLICATION NUMBER: PCT/US01/21043
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/348,135
PRIOR APPLICATION NUMBER: US 60/348,135
PRIOR APPLICATION NUMBER: US 60/344,196
PRIOR APPLICATION NUMBER: US 60/344,196
PRIOR FILING DATE: 2001-11-09
PRIOR FILING DATE: 2001-12-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-260-516-26
                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Greenberg (deceased), Arnold H.
APPLICANT: Geiger, Jonathan D.
APPLICANT: Kirshenbaum, Lorrie A.
TITLE OF INVENTION: NIP3 Family of Proteins
FILE REFERENCE: 9157-39
                                                Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 14, Application US/10290461 Publication No. US20030203867A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%; Score 14.6; Best Local Similarity 81.0%; Pred. No. 8. Matches 17; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/290,461
                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
1694 CTCAGAGCAGCCGGAGCCCGA 1714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 11-JUN-1993 ATTORNEY/AGENT INFORMATION: '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  264 CCCCCCCTCTCTCTTTCTC 284
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FILING DATE: <UNKNOWN:
APPLICATION NUMBER: 08/517,488
FILING DATE: 21-AUG-1995
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-UN-1994
APPLICATION NUMBER: US 08/076,299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US20030203867A1
                                                0.3%; Score 14.6; DB 1
81.0%; Pred. No. 8.8e+02
tive 0; Mismatches
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                                                                                            Length 21;
                                                       Indels
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RESULT 938
US-10-418-182-329/c
US-10-418-182-329/c
; Sequence 329, Application US/10418182
; Publication No. US20030228302A1
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Best Local Similarity
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US-10-418-182-105/c
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/016,516
PRIOR PILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 173
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 104
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 423
SOFTWARE: FRATSEQ for Windows Version 4.0
SEQ ID NO 105
LENGTH: 21
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TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
FRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
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APPLICANT: Sijmons, Peter C.
TITLE OF INVENTION: A structure for presenting desired peptide sequences
FILE REFERENCE: 2183-5610US
CURRENT APPLICATION NUMBER: US/10/316,194
CURRENT FILING DATE: 2002-12-10
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OTHER INFORMATION: Description of Artificial Sequence: primer Pr9
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                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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ORGANISM: Artificial Sequence
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21 ARWARYAMKGWTARWAAYAMY 1
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larity 38.1%; Pred. No. 8.
Conservative 12; Mismatche
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Pred. No. 8.8e+02;
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RESULT 940 US-10-377-315-42

Sequence 42, Application US/10377315 Publication No. US20030229041A1 GENERAL INFORMATION:

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US-10-388-263-203/c
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PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 329
                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 947
SOFTWARE: FRATSEQ for Windows Version 4.0
SEQ ID NO 203
LENGTH: 21
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                                                                                                                                                                                                                  Query Match
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APPLICANT:
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TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
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APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLECTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLECTIDES FOR GENE MODULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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CURRENT FILING DATE: 2003-04-16
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: PCR Primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION:
                                       380 AAGCTGGTGGCAGCAGCCGAG 400
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                                                                                                                                                                                   Similarity
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Sasmor, Henri M.
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                                                                                                                                           Conservative
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81.0%; Pred. No. 8.8e+02
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RESULT 942
US-10-349-143-8477/c
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SEQ ID NO 42
LENGTH: 21
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Best Local Similarity 81.0%;
Matches 17; Conservative
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PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER: OF SEQ ID NOS: 11796
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TITLE OF INVENTION: Methods to Increase or Decrease Bone Density
FILE REFERENCE: 1427.005US1
CURRENT APPLICATION NUMBER: US/10/377,315
CURRENT FILING DATE: 2003-02-28
CURRENT FILING DATE: US 60/361,258
PRIOR APPLICATION NUMBER: US 60/361,258
PRIOR FILING DATE: 2002-03-01
PRIOR FILING DATE: 2002-08-27
PRIOR FILING DATE: 2002-08-27
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
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LOCATION: 1..21
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                                                                                                                                                                                                                                                                                                                                                      0.3%; Score 14.6; DB 1; il Similarity 81.0%; Pred. No. 8.8e+02; 17; Conservative of Minimal Property 17; Conservative of Minimal Property 17; Conservative of Minimal Property 18; Conservative of Minimal Property 19; Conservative of M
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Pred. No. 8.8e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 in constructing a high density...
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CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8477

LENGTH: 21
                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/42,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: US/
PRIOR APPLICATION NUMBER: US/
PRIOR APPLICATION NUMBER: US/
PRIOR APPLICATION NUMBER: US/
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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US-10-349-143-10799
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NAME/KEY: primer_bind

LOCATION: 1..21

OTHER INFORMATION: downstream amplification primer 99-19901 for US-10-349-143-10799
                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
SEQ ID NO 10799
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10799, Application US/10349143 Publication No. US20040005584A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cohen, APPLICANT: Blumes APPLICANT: Chumal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Bialielic markers for use in constructing a high density....
                                                                                                          TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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ORGANISM: Homo Sapiens
FEATURE:
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17; Conserv
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Pred. No. 8.8e+02
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                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/082,614
DATE: 1998-04-21
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0.3%; 1 Similarity 81.0%; 17; Conservation

Score 14.6; DB 1; Pred. No. 8.8e+02;

Length 21;

Indels

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Gaps

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RESULT 944 US-10-236-392-436/c 음 성

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CAGGATGTTCCAAGCTCTGTG

4480

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SOFTWARE: Custom
SEQ ID NO 436
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                                                                                                                                          Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 794
                                                                                                                                                                            PRIOR APPLICATION NUMBER: US6 PRIOR FILING DATE: 2001-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US60/390,155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Shimkets, Richard A
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
                                        ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US60/318,765 FILING DATE: 2001-09-12
                                                                                                                                                                                                   APPLICATION NUMBER: US60/318,130
                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US09/659,634
                                                                                                                                                                                                                                                                                                  FILING DATE: 2002-04-02
                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US60/369,479
                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US60/367,753
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US60/357,303 FILING DATE: 2002-02-15
                                                                                                                                                                                                                                         APPLICATION NUMBER: US60/318,120
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Rothenberg, Mark E
Shenoy, Suresh
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Gusev, Vladamir
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Crabtree, Julie
Edinger, Shlomit, R
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Malyankar, Uriel M
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PRIOR APPLICATION NU
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Publication No.
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Best Local
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PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/236,392
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                                                                FILING DATE: 2000-09-12
APPLICATION NUMBER: US60/318,120
FILING DATE: 2001-09-07
                                                                                                                                                FILING DATE: 2002-02-15
APPLICATION NUMBER: US60/367,753
FILING DATE: 2002-03-25
APPLICATION NUMBER: US60/369,479
                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US09/635,949 FILING DATE: 2000-08-10
                              FILING DATE: 2001-09-07
                                                                                                                                                                                                                                      APPLICATION NUMBER: US60/318,765 FILING DATE: 2001-09-12
                                                                                                                  FILING DATE: 2002-04-02
APPLICATION NUMBER: US09/659,634
                                                                                                                                                                                                    APPLICATION NUMBER: US60/357,303
FILING DATE: 2002-02-15
                                                APPLICATION NUMBER: US60/318,130
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                 Prior
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Smithson, Glennda
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Grosse, William M
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Gerlach, Valerie
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Edinger, Shlomit,
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Rastelli, Luca
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Pena, Carol
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Malyankar, Uriel
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D. US20040067490A1
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Application data removed - NOS: 794
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PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-09-96
PRIOR PELICATION NUMBER: US09/540,763
PRIOR PELICATION NUMBER: US60/390,155
PRIOR PILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-
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Best Local Similarity
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LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 17;
                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/236,392 CURRENT FILING DATE: 2002-09-06
                                                                                                                                                                                                                                                                                                                           APPLICANT: Shimkets, Richard A
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES,
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                             REFERENCE:
                                              APPLICATION NUMBER: US60/367,753
FILING DATE: 2002-03-25
APPLICATION NUMBER: US60/369,479
                                                                                                 APPLICATION NUMBER: US60/357,303 FILING DATE: 2002-02-15
                                                                                                                                   APPLICATION NUMBER: US60/318,765 FILING DATE: 2001-09-12
                                FILING DATE: 2002-04-02
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APPLICATION NUMBER: US09/659,634 FILING DATE: 2000-09-12
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Rastelli, Luca
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Gusev, Vladamir
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Edinger, Shlomit,
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Boldog, Ferenc L
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Malyankar, Uriel
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Pena, Carol A
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o. US20040067490A1
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                                                                                                                                                                                                                                                                                                             21402-442A
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Pred. No. 8.8e+02;
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US-10-236-392-529/c
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                            PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
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LENGTH: 21
TYPE: DNA
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APPLICANT: Smithson, Glennda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES,
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-99-06
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APPLICANT:
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SOFTWARE: Custom
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
PRIOR FILING DATE: 2001-09-07
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APPLICATION NUMBER: US60/357,303 FILING DATE: 2002-02-15
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17; Conserv
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Grosse, William N
Gusev, Vladamir
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Ellerman, nu-
'--h. Valerie
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Rothenberg, Mark E
Shenoy, Suresh
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Rastelli, Luca
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Pena, Carol A
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o. US20040067490A1
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Willet, Isabelle
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Malyankar, Uriel M
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Pred. No. 8.
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RESULT 948
US-10-236-392-592/c
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US-10-236-392-529
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NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom
SEQ ID NO 529
LENGTH: 21
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                                               CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
                                                                               APPLICANT: Shenoy, Suresh
APPLICANT: Shimkets, Richard A
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES,
FILE REFERENCE: 21402-442A
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               PRIOR APPLICATION NUMBER: US09/540,763 PRIOR FILING DATE: 2000-03-30
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PRIOR APPLICATION NUMBER: US60/390,155
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Local Similarity 81.0%;
nes 17; Conservation
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FILING DATE: 2002-04-02
APPLICATION NUMBER: US09/659,634
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Chapoval, Andrei
Crabtree, Julie
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Rastelli, Luca
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Pena, Carol
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Malyankar, Uriel M
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Gerlach, Valerie
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Edinger, Shlomit, R
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Casman, Stacie J
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                                                                                                                                                                                                                                                       Meera
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Pred. No. 8.8e+02;
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US-10-236-392-652/c
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Matches 17; Conserv
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Publication No
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Best Local
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                           APPLICANT: Shimkets, Richard A
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
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OR APPLICATION NUMBER: US60/367,753
OR FILING DATE: 2002-03-25
OR APPLICATION NUMBER: US60/369,479
OR FILING DATE: 2002-04-02
OR FILING DATE: 2002-04-02
OR APPLICATION NUMBER: US90/659,634
OR FILING DATE: 2000-09-12
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APPLICATION NUMBER: US60/318,765
FILING DATE: 2001-09-12
APPLICATION NUMBER: US60/357,303
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Boldog, Ferenc
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Reiger, Daniel K
Rothenberg, Mark E
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Gusev, Vladamir
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Gerlach, Valerie
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Edinger, Shlomit,
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Catterton, Elina
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Pena, Carol A
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Malyankar, Uriel M
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NUMBER: US/10/236,392
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Pred. No. 8.8e+02.
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US-10-236-392-652
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PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
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PRIOR APPLICATION NUMBER: US60/369,479
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SOFTWARE: Custom
SEQ ID NO 652
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Best Local
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PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
PRIOR FILING DATE: 2001-09-07
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PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
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Rastelli, Luca
Reiger, Daniel K
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Edinger, Shlomit, R
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Casman, Stacie J
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Pena, Carol A
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Millet, Isabelle
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Malyankar, Uriel M
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Grosse, William M
Gusev, Vladamir
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Gerlach, Valerie
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                                            Peyman,
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o. US20040067490A1
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Pred. No. 8.8e+02;
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RESULT 951
US-10-236-392-727/c
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US-10-236-392-700
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PRIOR FILLING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILLING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILLING DATE: 2002-03-25
PRIOR FILLING DATE: 2002-03-25
PRIOR FILLING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR APPLICATION NUMBER: US60/369,634
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILLING DATE: 2000-09-12
PRIOR FILLING DATE: 2000-09-12
PRIOR FILLING DATE: 2000-09-12
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PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
PRIOR FILING DATE: 2001-09-07
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SED ID NOS: 794
SOFTWARE: Custom
SEQ ID NO 700
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Best Local Similarity
Matches 17; Conserv
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PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
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CURRENT APPLICATION NUMBER: US/10/236,392
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APPLICANT: Smithson, Glennda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
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                 MacDougall, John R
Malyankar, Uriel M
Miller, Charles E
Millet, Isabelle
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Gusev, Vladamir
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Crabtree, Julie
Edinger, Shlomit,
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Casman, Stacie J
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Gerlach, Valerie
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Muralidhara
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Best Local (
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Publication No. US20040067490A1
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SEQ ID NO 727
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PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
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CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
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APPLICANT: Smithson, Glennda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2002-03-25
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                                                                                                                                                                                                                                                                                INFORMATION:
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17; Conserv
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                                                                                   Crabtree, Julie
Edinger, Shlomit, R
Ellerman, Karen
Gerlach, Valerie
                                                                                                                                                                                                                                                                                                                                                                                                                 CAGGAGGATGACCCACCAGGG
                               Gorman, Linda
Grosse, William M
Gusev, Vladamir
                                                                                                                                                             Chapoval, Andrei
                                                                                                                                                                                                                    Burgess,
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Reiger, Daniel K
Rothenberg, Mark E
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Pena, Carol
                                                                                                                                                                                                      Casman, Stacie J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Shenoy, Suresh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                      Catherine,
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William J
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Pred. No. 8.8e+02;
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RESULT 953
US-10-380-195A-3
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; OTHER INFORMATION: Description of Artificial Sequence: probe US-10-236-392-757
                                    GENERAL
                                                 Sequence 3, Application US/10380195A
Publication No. US20040072776A1
                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 757
                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                 Matches
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TITLE OF IN
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PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
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APPLICANT: Gleave, Martin APPLICANT: Kiyama, Satosh
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SOFTWARE: Custom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
PRIOR FILING DATE: 2001-09-07
                                                                                                                                                                                                                                                                                                                                            LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 2001-09-12
APPLICATION NUMBER: US60/357,303
FILING DATE: 2002-02-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 2002-04-02
APPLICATION NUMBER: US09/659,634
FILING DATE: 2000-09-12
APPLICATION NUMBER: US60/318,120
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FILING DATE: 2002-03-25
APPLICATION NUMBER: US60/369,479
                                                                                                                                                                                               4032 CCGGAGGAGGGCCACCAGGG 4052
                                  INFORMATION:
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INVENTION: THERAPEUTIC POLYPEPTIDES,
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Malyankar, Uriel I
Miller, Charles E
Millet, Isabelle
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Rastelli,
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Shenoy, Suresh
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Pred. No. 8.8e+02;
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APPLICANT: NeÎson, Colleen
APPLICANT: Remnie, Paul
TITLE OF INVENTION: Antisense Insulin-Like
TITLE OF INVENTION: Oligodeoxynucleotides
FILE REFERENCE: UBC.P-023
CURRENT APPLICATION UNMBER: US/10/380,195A
CURRENT FILING DATE: 2003-03-12

Growth Factor Binding Protein (IGFBP) -2 for Prostate and Endocrine Tumor The

Kiyama, Satoshi Nelson, Colleen Rennie, Paul

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                Sequence 47, Application US/10380195A
Publication US/040072776A1

GEMERAL INFORMATION:
APPLICANT: Gleave, Martin
APPLICANT: Kiyama, Satoshi
APPLICANT: Reison, Colleen
APPLICANT: Reison, Colleen
APPLICANT: Rennie, Paul
TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
FILE REFERENCE: UBC: P-023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.2
SEQ ID NO 28
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Best Local Similarity 81.0%;
Matches 17; Conservative
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SEQ ID NO 3
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/380,195A
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: PCT/US01/28748
PRIOR FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: US 60/232,641
PRIOR FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kiyama, Satoshi
APPLICANT: Nelson, Colleen
APPLICANT: Rennie, Paul
TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
FILE REFERENCE: UBC.P-023
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PRIOR FILING DATE: 2000-09-14
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PRIOR FILING DATE: 2001-09-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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nes 17; Conserv
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NUMBER: US/10/380,195A
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Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 14.6; DB 1;
Pred. No. 8.8e+02;
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FILE REFERENCE: JHU1860-1
CURRENT APPLICATION NUMBER: US/10/383,864
CURRENT FILING DATE: 2003-07-25
PRIOR APPLICATION NUMBER: US 60/362,577
PRIOR FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 127
SOFTWARE: Patentin version 3.1
SEQ ID NO 61
LENGTH: 21
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US-10-470-991-33/c
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               GENERAL INFORMATION:

APPLICANT: BAYOR AG
TITLE OF INVENTION: REGULATION OF HUMAN HISTONE ACETYLTRANSFERASE
FILE REFERENCE: LIO284 Foreign Countries
CURRENT APPLICATION NUMBER: US/10/470,991
CURRENT FILING DATE: 2003-08-01
PRIOR APPLICATION NUMBER: US 60/265,891
PRIOR FILING DATE: 2001-02-05
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: US 60/331,473
PRIOR APPLICATION NUMBER: US 60/334,928
PRIOR FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: US 60/334,928
PRIOR FILING DATE: 2001-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.3%; Score 14.6; DB 1; Best Local Similarity 81.0%; Pred. No. 8.8e+02; Matches 17; Conservative n. Minner.
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LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: SIDRANSKY, David
APPLICANT: SIDRANSKY, David
TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED TUMOR SUPPRESSOR GENES
                                                                                                                                                                                                                                                                                                            Sequence 33, Application US/10470991
Publication No. US20040091967A1
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Publication No. US20040081976A1
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Best Local Similarity 81.0%;
Matches 17; Conservative
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PRIOR APPLICATION NUMBER: PCT/US01/28748
PRIOR FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: US 60/232,641
PRIOR FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
OTHER INFORMATION: PCR primer
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OF SEQ ID NOS:
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Pred. No. 8
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CURRENT APPLICATION NUMBER: US/10/702,496
CCURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: 60/429,381
PRIOR FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
SOFTWARE: Patentin version 3.2
SEQ ID NO 303
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: RNA; Homo sapiens; ORGANISM: Homo sapiens US-10-702-496-240
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US-10-702-496-240/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; NAME/KEY: misc feature ; OTHER INFORMATION: Reverse primer US-10-470-991-33
                                                                                                                                                                                                                                                                                                                                                                       US-10-702-496-303/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                 Sequence 303, Application US/10702496 Publication No. US20040121383A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.2 SEQ ID NO 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 240, Application US/10702496 Publication No. US20040121383A1 GENERAL INFORMATION:
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SEQ ID NO 33
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local
TYPE: RNA
ORGANISM: Homo sapiens
:-10-702-496-303
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APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Wu, Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
TITLE OF INVENTION: KINASE
FILE REPERENCE: AM101071
CURRENT APPLICATION NUMBER: US/10/702,496
CURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: 60/429,381
PRIOR FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
                                                                                                                                                                                                    APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Wu, Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
TITLE OF INVENTION: KINASE
FILE REFERENCE: AM101071
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larity 81.0%;
Conservative
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Pred. No. 8.8e+02;
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Pred. No. 8.
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8.8e+02;
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PRIOR APPLICATION NUMBER: 08/96916
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 08/96916
PRIOR PILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 09/544511
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/369065
PRIOR APPLICATION NUMBER: 60/369065
PRIOR APPLICATION NUMBER: 09/604286
PRIOR APPLICATION NUMBER: 09/651200
PRIOR FILING DATE: 2000-06-22
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 09/651200
PRIOR APPLICATION NUMBER: 09/662783
PRIOR APPLICATION NUMBER: 09/662783
PRIOR PILING DATE: 2000-08-30
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SEQ ID NO 19
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 233, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local Similarity 81.0%;
Matches 17; Conservative
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Best Local :
                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO-
FILE REFERENCE: 21402-573A
CURRENT APPLICATION NUMBER: US/10/403,142
CURRENT FILING DATE: 2003-03-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/175,519
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 31
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APPLICANT: Dietz
APPLICANT: Lawto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/800,161
CURRENT FILING DATE: 2004-03-12
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Alsobrook et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/171,008 PRIOR FILING DATE: 1999-12-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lawton, Kay Ann
TITLE OF INVENTION: INDUCIBLE PROMOTERS
FILE REFERENCE: A-31089CIP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Primer 16R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                    APPLICATION NUMBER: 09/688598
FILING DATE: 2000-10-12
APPLICATION NUMBER: 09/894159
  FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/10403142
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2001-06-21
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02
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RESULT 963
US-10-786-720-1174
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; OTHER INFORMATION: Synthesized Primer.
US-10-755-889-798
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US-10-755-889-798
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US-10-403-142-233
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Publication No. US20040171823A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-kB

TITLE OF INVENTION: PATHWAY

FILE REFERENCE: D0284 NP

CURRENT FILING DATE: US/10/755,889

CURRENT FILING DATE: 2004-01-13

PRIOR APPLICATION NUMBER: U.S. 60/440,068

PRIOR APPLICATION NUMBER: U.S. 60/440,068

PRIOR APPLICATION NUMBER: U.S. 60/440,068

PRIOR APPLICATION NUMBER: U.S. 60/468 757
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 1174
LENGTH: 21
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PRIOR FILING DATE: 2003-05-12
NUMBER OF SEQ ID NOS: 823
SOFTWARE: PatentIn version 3.2
SEQ ID NO 798
LENGTH: 21
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 233
LENGTH: 21
                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
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                                                                                                                                                                                                                                                                                                  Sequence 1174, Application US/10786720 Publication No. US20040191818A1
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PRIOR FILING DATE: 2001-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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                                                                                                                                                                                       DIAGNOSING AND TREATING
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APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-02300 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 3226
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; ORGANISM: Homo sapiens
US-10-786-720-1174
                                                                                                                                             ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-3226
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US-10-786-720-3226
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US-10-786-720-2950
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APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 2950
                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3226, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
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                                                                      Query Match 0.3%;
Best Local Similarity 81.0%;
Matches 17; Conservative
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Best Local
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TYPE: DNA
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                                                                                                                                                                                                   ENGTH: 21
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Local Similarity 81.0%;
hes 17; Conservation
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17; Conserv
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Pred. No. 8.8e+02
                                                                                        Score 14.6; DB 1
Pred. No. 8.8e+02
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Pred. No. 8.8e+02
                                                                        Mismatches
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RESULT 968
US-10-786-720-8414
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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                                                                                                                                                                                        Sequence 8414, Application US/10786720 Publication No. US20040191818A1
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Best Local Similarity
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-022000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
CURRENT FILING DATE: 2004-02-26
NUMBER: OF SEQ ID NOS: 21135
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APPLICANT: O'Toole, Margot
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TYPE: RNA
ORGANISM: RNAi-antisense strand
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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                                                                                   FOR DIAGNOSING AND TREATING AUTOIMMUNE
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; SEQ ID NO 8789
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-8789
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 9690
LENGTH: 21
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US-10-786-720-8789/c
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SOFTWARE: PatentIn version
SEQ ID NO 8414
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Best Local Similarity
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APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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                    5237 AGTCTGCGTAACCAATAAATT 5257
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17; Conserv
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ilarity 81.0%;
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02
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RESULT 973
US-10-786-720-12721/c
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                                                                      Sequence 12721, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 11225
LENGTH: 21
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APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
RUMBER OF SEQ ID NOTE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 10640
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0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels
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Best Local
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-10-786-720-11225
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APPLICANT: Ö'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
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es 12; Conserv
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57.1%; Pred. No. 8
vative 5; Mismatche
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8.8e+02;
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PARCHIN VERSION 3.2
SEQ ID NO 12875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Diu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 12865
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US-10-786-720-12865
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SOFTWARE: Patentin version 3.2
SEQ ID NO 12721
LENGTH
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Best Local Similarity 81.0%;
Matches 17; Conservative
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Best Local
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FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                         LENGTH: 21
TYPE: RNA
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TYPE: DNA
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TYPE: DNA
                                                       ORGANISM: RNAi-sense strand
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Pred. No. 8.8e+02;
0; Mismatches 4
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Pred. No. 8.8e+02
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DB 1;
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Length 21;
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Query Match

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Score 14.6;

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RESULT 978
US-10-786-720-13995/c
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; ORGANISM: Homo sapiens
US-10-786-720-13021
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                                                                                                                                                                                                                                                                                                                                APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 0.1396-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 13025
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-032000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13021
LENGTH: 21
Sequence 13995, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
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ORGANISM: RNAi-sense strand
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ilarity 81.0%;
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO:
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                RESULT 980
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US-10-786-720-14086
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US-10-786-720-14086
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SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 14086
LENGTH: 21
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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
TILE REFERENCE: 031696-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: COMPOSITIONS AND METHODS TITLE OF INVENTION: DISEASES FILE REFERENCE: 031896-023000 (AM101331L) CURRENT APPLICATION NUMBER: US/10/786,720 CURRENT FILING DATE: 2004-02-26 NUMBER OF SEQ ID NOS: 21135 SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wyeth
APPLICANT: O'Too
APPLICANT: Liu,
                                                                                                                                                                                          APPLICANT: Wyeth
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ORGANISM: RNAi-antisense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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17; Conserv
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Conservative 0; Mismatches
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Pred. No. 8
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                                                                                                                           FOR DIAGNOSING AND TREATING AUTOIMMUNE
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SEQ ID NO 14794 LENGTH: 21 TYPE: DNA

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US-10-786-720-19711/c
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US-10-786-720-19711
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Best Local Similarity 81.0%;
Matches 17; Conservative
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SOFTWARE: Patentin version 3.2
SEQ ID NO 19387
LENGTH: 21
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                                                                                                                                                                                                     APPLICANT: O'TOOL, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 19711, Application US/10786720 Publication No. US20040191818A1
                                                                                                     Query Match
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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                                                                                                                                                                        TYPE: DNA
                                                                 Local Similarity les 17; Conserv
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                                                                  Conservative
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                                                               Score 14.6; DB 1;
Pred. No. 8.8e+02;
0; Mismatches 4
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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RESULT 983

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                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/798,033
CURRENT FILING DATE: 2003-01-30
PRIOR APPLICATION NUMBER: 09/687,855
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/159,090
PRIOR FILING DATE: 1999-10-13
PRIOR FILING DATE: 1999-10-13
PRIOR FILING DATE: 2000-05-18
PRIOR FILING DATE: 2000-05-18
PRIOR APPLICATION NUMBER: 60/232,379
PRIOR FILING DATE: 2000-09-14
                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 8
SOFTWARE: FRSTSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 22
TYPE: DNA
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SEQ ID NO 14
LENGTH: 22
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                                                                                            Matches
                                                                                                                                      Query Match
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APPLICANT: pecker, iris
APPLICANT: vlodavsky, israel
APPLICANT: vlodavsky, israel
APPLICANT: vlodavsky, israel
APPLICANT: vlodavsky, israel
APPLICANT: israel, michal
TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE;
TITLE OF INVENTION: HEPARANASE ACTIVITY
FILE REFERENCE: 01/22335
CURRENT APPLICATION NUMBER: US/09/930,218
CURRENT FILING DATE: 2001-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: BIOSYNTHESIS OF POLYKETIDE SYNTHASE TITLE OF INVENTION: SUBSTRATES FILE REFERENCE: 286002021120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kosan Biosciences, Inc.
APPLICANT: Khosla, Chaitan
APPLICANT: Pfeifer, Blaine
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ORGANISM: Artificial sequence
                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
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                                            966 ACCGAGACCAGCCGGCCGAGC 986
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                                                                                                               0.3%; Score 14.6; DB 1
81.0%; Pred. No. 9.4e+02
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CURRENT APPLICATION UNMBER: US/09/972,331
CURRENT FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: JP 2000/310624
PRIOR FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 22
LENGTH: 22
                                                                            RESULT 987
US-09-880-732-28/c
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US-09-972-331-22/c
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US-09-970-597-3
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                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: COHEN-HAGUENAUER, Odile
APPLICANT: COHEN-HAGUENAUER, Odile
TITLE OF INVENTION: RETROVIRAL VECTOR FOR THE TRANSFER AND EXPRESSION OF
TITLE OF INVENTION: GENES FOR THERAPEUTIC PURPOSES IN EUKARYOTIC CELLS
FILE REFERENCE: 8076.110USC1
CURRENT APPLICATION NUMBER: US/09/970,597
CURRENT FILING DATE: 2001-10-04
PRIOR APPLICATION NUMBER: 09/433,322
PRIOR APPLICATION NUMBER: 09/433,322
PRIOR PILING DATE: 1999-11-03
                 Sequence 28, Application US/09880732 Patent No. US20020127561A1 GENERAL INFORMATION:
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Patent No. US20020091083A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                 Best Local Similarity Matches 17; Conserv
                                                                                                                                                                                                                                                                                         Query Match
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PRIOR FILING DATE: 1993-06-30
NUMBER OF SEQ ID NOS: 16
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TITLE OF INVENTION: DNA-BINDING PROTEIN YB-1-CONTAINING
TITLE OF INVENTION: COLLAGEN ACCUMULATION INHIBITORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 7372/72170
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APPLICANT: GENICON SCIENCES CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: DESIGNED OLIGONUCLEOTIDE
OTHER INFORMATION: COLLAGEN ALPHA 1 PROBE
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                        4265 TGCTGAGGCTGGAAGAAAAC 4285
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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; SEQ ID NO 28; LENGTH: 22 .
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection US-09-880-732-28
                                     US-09-263-959-1074
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                                                                                                                                                                                  COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.25
SOFTWARE: PACENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. US20020150 GENERAL INFORMATION:
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Best Local Similarity 81.0%;
Query Match
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APPLICANT:
APPLICANT:
                                                                                                                             TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: US 60/210,988
PRIOR FILING DATE: 2000-06-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: YGUERABIDE, Juan
TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 089498/0403
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ADDRESSEE: Seed and
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APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND
NUMBER OF SEQUENCES: 1279
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                                                                    TYPE: nucleic
STRANDEDNESS:
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Pred. No. 9.4e+02
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PRIOR FILING DATE: 2000-07-21
PRIOR PELICATION NUMBER: 09/487,792
PRIOR FILING DATE: 2000-01-20
PRIOR APPLICATION NUMBER: US00/01239
PRIOR APPLICATION NUMBER: US00/01239
PRIOR APPLICATION NUMBER: 09/358,587
PRIOR APPLICATION NUMBER: 09/358,587
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 22
                                                                                                                    NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn Ver
SEQ ID NO 50
LENGTH: 22
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Matches 17; Conserv
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Patent No. US20020155157A1
GENERAL INFORMATION:
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Matches 17; Conservative
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APPLICANT: MULLER, MARK
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE DELIVERY
FILE REFERENCE: 082035-0283695
FURRENT APPLICATION NUMBER: US/09/957,667
CURRENT FILING DATE: 2001-09-21
FRIOR APPLICATION NUMBER: 09/244,722
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/074,213
PRIOR FILING DATE: 1998-02-10
PRIOR FILING DATE: 1998-02-10
PRIOR FILING DATE: 1998-02-10
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PRIOR FILING DATE: 2001-05-24
PRIOR PRIOR
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CURRENT APPLICATION NUMBER: US/09/908,594
CURRENT FILING DATE: 2001-07-20
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/093,643
PRIOR FILING DATE: 1998-07-21
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TITLE OF INVENTION: Keratinocyte Derived Interferon
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    TYPE: DNA ORGANISM: Artificial Sequence
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FEATURE:
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Pred. No. 9.4e+02;
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; NAME/KEY: Primer_Bind ; OTHER INFORMATION: Synthetic primer complementary to the human US-09-908-594-50
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                                                                                                                    OTHER INFORMATION: Synthetic US-10-029-079-1
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publication No. US20020119154A1
GENERAL INFORMATION:
APPLICANT: Clevenger, Charles V
APPLICANT: Kline, J. Bradford
TITLE OF INVENTION: Composition and Method for Modulating Somatolactogenic Function
FILE REFERENCE: PENN-0795
CURRENT APPLICATION NUMBER: US/10/029,079
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/258,285
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 22
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US-10-029-079-1
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 22
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Best Local Similarity
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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81.0%; Pred. No. 9.4e+02;
ative 0; Mismatches 4
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                                                        Score 14.6; DB 1;
Pred. No. 9.4e+02;
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US-10-345-092-57
; Sequence 57, Application US/10345092
; Publication No. US20030165506A1
; GENERAL INFORMATION:
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                                                US-10-345-092-57
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PRIOR FILLING DATE: 2001-02-28
PRIOR PELICATION NUMBER: 09/687,855
PRIOR FILLING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/159,090
PRIOR FILLING DATE: 1999-10-13
PRIOR APPLICATION NUMBER: 60/206,082
PRIOR APPLICATION NUMBER: 60/206,082
PRIOR FILLING DATE: 2000-05-18
                                                                                                                                                                                      SEQ ID NO 57
LENGTH: 22
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/10087451 Publication No. US20020192767A1
  Query Match
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                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/218,309
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 134
                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/345,092
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: 0020472.7
PRIOR PILING DATE: 2000-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testi
FILE REFERENCE: FVR/aTc/V067
                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver.
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SOFTWARE: FastSEQ for
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CURRENT FILING DATE: 2002-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Khosla, Chaitan
APPLICANT: Pfeifer, Blaine
TITLE OF INVENTION: BIOSYNTHESIS OF POLYKETIDE SYNTHASE
TITLE OF INVENTION: SUBSTRATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-02-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/355,211
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                                                                    OTHER INFORMATION: Description OTHER INFORMATION: FVR2958
                                                                                                                    FEATURE:
                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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llarity 81.0%;
Conservative
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  0.3%;
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Pred. No. 9.4e+02;
0; Mismatches 4;
  Score 14.6;
                                                                                          of Artificial Sequence: upper primer
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Length 22;
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                                                             US-10-039-869A-1
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US-10-345-092-127
                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 22
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/10039869A Publication No. US20030167474A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Publication No. US20 GENERAL INFORMATION:
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Query Match
Best Local Similarity
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Best Local &
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                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/039,869A
CURRENT FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: 09/454,126
PRIOR FILING DATE: 1999-12-03
PRIOR APPLICATION NUMBER: 08/924,301
PRIOR PILING DATE: 1997-09-05
PRIOR PILING DATE: 1996-09-06
PRIOR FILING DATE: 1996-09-06
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Day, Brian J.
TITLE OF INVENTION: Methods for Identifying Compounds as Antioxidants FILE REFERENCE: 50-96B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Wallace, APPLICANT: Melov, APPLICANT: Crapo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
TITLE OF INVENTION: NO. US20030165506Alel alpha-catenin expressed
FILE REFERENCE: FVR/ATG/V067
CURRENT APPLICATION NUMBER: US/10/345,092
CURRENT FILING DATE: 2003-01-13
                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 00202472.7 PRIOR FILING DATE: 2000-07-12
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PRIOR FILING DATE: 2000-07-14
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                            OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide primer
                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity 81.0%; tes 17; Conservative
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0.3%;
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Pred. No. 9.4e+02;
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Score 14.6; DB 1;
Pred. No. 9.4e+02;
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                  Length 22
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; Sequence 14, Application US/10431438
; Publication No. US20030180788A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 26013
CURRENT APPLICATION NUMBER: US/10/431,438
CURRENT FILING DATE: 2003-05-08
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.1
SEQ ID NO 14
LENGTH: 22
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Best Local
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APPLICANT: pecker, iris
APPLICANT: vlodavsky, israel
APPLICANT: vlodavsky, israel
APPLICANT: israel, michal
TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
TITLE OF INVENTION: HEPARANASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Third Wave Technologies APPLICANT: Allawi, Hatim
                                                 APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
                                    FILE REFERENCE: FORS-06666
                                                                                                                       APPLICANT:
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nes 17; Conserv
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                                                                                                     Olson, Sarah M.
Olson-Munoz, Marilyn C.
Schaefer, James J.
Skrzypczynski, Zbigniew
Takova, Tsetska Y.
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Argue, Brad T.
Bartholomay, Christian T.
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Curtis, Michelle L.
                                                                                      Thompson, Lisa C.
                                                                                                                                                                                         Neri, Bruce P.
                                                                                                                                                                                                               Ma, WuPo
                                                                                                                                                                                                                                                                                 Kwiatkowski, Jr.,
                                                                                                                                                                                                                                                                                                  Kaiser, Michael
                                                                                                                                                                                                                                                                                                                                   LP, Hon S.
                                                                                                                                                                                                                                                             Lukowiak, Andrew A.
                                                                                                                                                                                                                              Lymaicheva, Natalie E.
                                                                                                                                                                                                                                               Lyamichev, Victor
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l, Jeff G.
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                                                                                                                                                                                                                                                                                   Robert W.
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Pred. No. 9.4e+02;
0; Mismatches 4;
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APPLICANT: Gao, Zerer
APPLICANT: Kuijper, J
APPLICANT: Dasovich,
APPLICANT: Grant, Fra
                                                                                                                                                                                                                                                                                 Sequence 65, App
Publication No.
GENERAL INFORMA
                                                                                                                       APPLICANT:
                                                                                                                                                          APPLICANT:
                                                                  APPLICANT: Gross, Jane A.
APPLICANT: Dillon, Stacey R.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17
                  CURRENT APPLICATION NUMBER: US/10/351,157
CURRENT FILING DATE: 2003-01-21
                                                       FILE REFERENCE: 02-02
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APPLICATION NUMBER: US 60/435,361

INFORMATION:

Application US/10351157 vo. US20030215838A1

Presnell, Scott R.

Francis J.

Kuijper, Joseph L. Dasovich, Maria M.

Zeren

Cindy A.

Whitmore, Theodore E. Hammond; Angela K. No. US20030215838Alak,

Julia E.

MULTIMERS

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; FEATURE: ; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes US-10-357-488-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 999
US-10-357-488-7/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/10357488 Publication No. US20030194730A1 GENERAL INFORMATION:
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SOFTWARE: PatentIn version
SEQ ID NO 3145
                                                                           Matches
                                                                                             Query Match 0.3%;
Best Local Similarity 81.0%;
                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.1 SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity Matches 17; Conserv
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PRIOR FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 37
                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 782-indian
CURRENT APPLICATION NUMBER: US/10/357,488
CURRENT FILING DATE: 2003-02-04
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Centre For DNA Fingerprinting and Diagnostics TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a TITLE OF INVENTION: primers and markers for identifying genetic constitution TITLE OF INVENTION: varities.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                             LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
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                                    283 TCTCTCTCTCTTGCTTGGT 303
                                                                             17;
22 TCTCTCTCTCTCGTATCGT 2
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                                                                           Conservative
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                                                                           0; Mismatches
                                                                                             Score 14.6; DB 1
Pred. No. 9.4e+02
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                                                                                                                 DB 1;
                                                                                                             Length 22
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Query Match
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                                                                                          US-10-164-717-9/c
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NUMBER OF SEQ ID NOS: 183
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 65
LENGTH: 22
GENERAL INFORMATION:
APPLICANT: OriGene Technologies, Inc.
TITLE OF INVENTION: Melanocortin-1 Receptor and Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 65, Appublication No.
                                                    Sequence 9, Application US/10164717 Publication No. US20030228658A1
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APPLICANT:
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CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US 60/350,325
PRIOR FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/375,323
PRIOR FILING DATE: 2002-04-25
PRIOR FILING DATE: 2002-04-25
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NUMBER OF SEQ ID NOS: 168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/435,315
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TITLE OF INVENTION: NOVEL CYTOKINE ZCYTOR17 LIGAND
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OTHER INFORMATION: Oligonucleotide primer ZC39983
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TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 9.4e.
0; Mismatches
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Pred. No. 9.4e
0; Mismatches
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-164-717-9
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Publication No.
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Best Local Similarity 81.0%;
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CURRENT APPLICATION NUMBER: US/10/164,717
CÜRRENT FILING DATE: 2002-06-10
NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/262,445
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 60/327,454
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/327,917
PRIOR FILING DATE: 2001-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM TITLE OF INVENTION: THE SAME FILE REFERENCE: 21402-462D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                 PRIOR APPLICATION NUMBER: 60/349,575 PRIOR FILING DATE: 2001-10-29
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/328,029
PRIOR FILING DATE: 2001-10-09
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                                                                   FILING DATE: 2001-10-22
APPLICATION NUMBER: 60/343,629
FILING DATE: 2001-10-24
                                                                                                                       APPLICATION NUMBER: 60/341,058
                                                                                                                                                         FILING DATE: 2001-10-12
APPLICATION NUMBER: 60/329,414
FILING DATE: 2001-10-15
APPLICATION NUMBER: 60/330,142
                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/328,849
                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/328,056 FILING DATE: 2001-10-09
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Edinger, Shlomit
Gerlach, Valerie
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Spytek, Kimberly
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Application data removed NOS: 133
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Pred. No. 9.4e+02;
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                  See
              File Wrapper
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CURRENT APPLICATION NUMBER: US/10/408,601
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: US 10/298,680
PRIOR FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US 10/280,962
PRIOR FILING DATE: 2002-10-25
PRIOR FILING DATE: 2002-10-25
PRIOR FILING DATE: 2002-10-35
SOFTWARE: Patentin version 3.2
SEQ ID NO 74
LENGTH: 22
; FEATURE:
; OTHER INFORMATION: primer
US-10-408-601-74
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US-10-274-300-69/c
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US-10-408-601-74/c
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CURRENT FILING DATE: 2002-10-18
NUMBER OF SEQ ID NOS: 89
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 69
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                     Sequence 74, Application US/10408601
Publication No. US20040086890A1
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ORGANISM: Homo sapiens
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APPLICANT:
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APPLICANT: Targan, Stephan
TITLE OF INVENTION: Methods of Using a NOD2/CARD 15
TITLE OF INVENTION: Haplotype to Diagnose Crohn's DETLE REPERENCE: P-CE 5451
                                                                                                                                                                                                                                                                                          APPLICANT: Sorge, Joseph
TITLE OF INVENTION: DNA POLYMERASES WITH REDUCED BASE ANALOG DETECTION ACTIVITY
FILE REFERENCE: 25436/2345B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: CuraSeqList version 0.1 SEQ ID NO 75 LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Taylor, Kent D. APPLICANT: Rotter, Jerome
                                                  ORGANISM: Artificial sequence
                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artifical Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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Pred. No. 9.4e+02;
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APPLICANT: Ebbinghaus, Scot W.
APPLICANT: Hurley, Laurence H.
APPLICANT: Siddiqui, Jain, Adam
APPLICANT: Siddiqui, Jain, Adam
APPLICANT: Memmott, Regan
TITLE OF INVENTION: METHODS FOR REGULATING TRANSCRIPTION BY
TITLE OF INVENTION: TARGETING QUADRUPLEX DNA
FILE REFERENCE: 53233000500
CURRENT APPLICATION NUMBER: US/10/645,471A
CURRENT APPLICATION NUMBER: 60/404,965
PRIOR APPLICATION WHEER: 60/404,965
PRIOR FILING DATE: 2002-08-20
NUMBER OF SEQ ID NOS: 32
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; OTHER INFORMATION: oligonucleotide
US-10-645-471A-26
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                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version SEQ ID NO 26 LENGTH: 16
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                                                      Query Match
Best Local S
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Best Local Similarity
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Best Local Similarity 81.0%;
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CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: US 60/311,034
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 322
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TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
FILE REFERENCE: PB0149
                                                                                                                                                                 TYPE: DNA
ORGANISM: Unknown
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TYPE: DNA
ORGANISM: Homo sapiens
   4155 CCTGCTGGCTCCTCT 4170
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                                                          Similarity
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93.8%; Pred. No. 6.3e+02;
ative 0; Mismatches ]
                                        0.3%; Score 14.4; DB 1;
93.8%; Pred. No. 6.3e+02;
tive 0; Mismatches 1
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Pred. No. 9.4e+02
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                                                                           Length 16;
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US-09-866-108-1344
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PRIOR FILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 7001-00-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
APPLICANT: HANCEL, David
APPLICANT: RANK, David
APPLICANT: CHEN, Wenshe
                                                             GENERAL INFORMATION:
APPLICANT: GU, Yizhong
                                                                                    Sequence 1348, Application US/09866108 Patent No. US20020048800A1 GENERAL INFORMATION:
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SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1344
LENGTH: 17
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Best Local
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ORGANISM: Homo sapiens
-09-866-108-1344
                      APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
      APPLICANT:
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APPLICATION NUMBER: US 60/266,860
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FILING DATE: 2001-01-30
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1 Similarity 93.8%;
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HANZEL, David K.
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JI, Yonggang
PENN, Sharron G.
HANZEL, David K.
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NOS: 15752
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Pred. No. 6.9e+02;
0; Mismatches 1;
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APPLICANT: JI, Yonggan;
APPLICANT: PENN, Sharry
APPLICANT: HANZEL, David
APPLICANT: RANK, David
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Matches :
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FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
                                                                                                    APPLICANT: JÍ, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wennsheng
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, Mark
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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FILLING DATE: 2000-09-21
APPLICATION NUMBER: US 60/266,860
FILING DATE: 2001-02-05
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APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00661
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FILING DATE: 2001-01-30
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93.8%; Pred. No. 6
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APPLICATION NUMBER: PCT/US01/00666

2000-10-04 NUMBER: US 2000-09-27

NUMBER: US 60/236,359

FILING DATE:

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US-09-866-108-6703
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LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local (
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
                                                                                                              PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/0066
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PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
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                                                                       FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
                  APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
                                                          FILING DATE:
                                                                                                                     APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00662
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
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Pred. No. 6.9e+02;
0; Mismatches 1
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CURRENT FILLING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILLING DATE: 2000-05-26

PRIOR FILLING DATE: 2000-10-04

PRIOR FILLING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILLING DATE: 2000-09-27

PRIOR FILLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR PILLING DATE: 2001-01-30

PRIOR PILLING DATE: 2001-01-30

PRIOR PILLING DATE: 2001-01-30

PRIOR PILLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILLING DATE: 2001-01-30

PRIOR PILLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR APPLICATION NUMBER: PCT/US01/00666
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US-09-866-108-7085
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Best Local
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00668
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00663
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00662
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00661
OR APPLICATION NUMBER: PCT/US01/00670
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RANK, David R.
CHEN, Wensheng
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Pred. No. 6.9e+02;
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; ORGANISM: Homo sapiens
US-09-866-108-7085
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SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO-7085
LENGTH: 17
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PRIOR DATE: 2000-05-26
PRIOR PRI
                                                                                                         PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
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CURRENT FILING DATE: 2001-05-25
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FILING DATE: 2000-09-21
APPLICATION NUMBER: US 60/266,860
FILING DATE: 2001-02-05
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APPLICATION NUMBER: PCT/US01/00664
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HANZEL, David I
RANK, David R.
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Sequence Listing Engine
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Pred. No. 6.9e+02
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7086
                                                                                ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8197
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US-09-866-108-8197/c
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
Query Match 0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                                                             SEQ ID NO 8197
LENGTH: 17
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                                                                                                                                                                                        SOFTWARE: Aeomica
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
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Similarity 93.8%;
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                   Score 14.4; DB 1
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Pred. No. 6.9e+02;
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3874 TCAAGCCTTCCAGATC 3889

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US-09-866-108-8199
Sequence 8201, Application Patent No. US20020048800Al GENERAL INFORMATION: APPLICANT: GU, Yizhong
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SOFTWARE: Aeomica Sequence
SEQ ID NO 8199
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Matches
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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HANZEL, David
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Pred. No. 6.9e+02;
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US-09-866-108-8201
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CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT TILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
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Best Local S
Matches 15
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SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 8201
LENGTH: 17
                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                        Sequence 8202, Application US/09866108 Patent No. US20020048800A1
                                APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
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l Similarity 93.8%;
15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JI, Yonggang
PENN, Sharron
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RANK, David R. CHEN, Wensheng
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Pred. No. 6.9e+02;
0; Mismatches 1
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APPLICATION NUMBER: PCT/US01/00666

2000-09-27

GB 24263.6 0-04 US 60/236,359

APPLICATION NUMBER:

APPLICATION NUMBER:

2000-05-26 IUMBER: GB 2000-10-04

APPLICATION NUMBER: US 60/207,456

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FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
SOPTWARE: FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOPTWARE: Friedman macro Napro4
SEQTIH: 17
TYPE: NNA
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; ORGANISM: Homo sapiens
US-09-866-108-8202
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 8202
                                                                                                                                                                                                                                                                                                                            APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
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PRIOR TILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
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APPLICATION NUMBER: PCT/US01/00661
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FILING DATE: 2001-01-30
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nilarity 93.8%;
Conservative
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Pred. No. 6.9e+02;
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; SEQ ID NO 1096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1096
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US-09-877-478-685/c
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US-09-818-875-1096/c
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US-09-818-875-1095
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR PELICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR PILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
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Best Local Similarity
Matches 15; Conserv
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Best Local
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APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
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PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-66-01
PRIOR APPLICATION NUMBER: US 60/244,989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
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1 Similarity 93.8%;
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Rice, Michael
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Pred. No. 6.9e+02;
0; Mismatches 1
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Pred. No. 6.9e+02;
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RESULT 1022
US-09-740-332-2903/c
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US-09-877-478-1413/c
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; ORGANISM: Hepatitis B virus
US-09-877-478-1413
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Best Local
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Best Local (
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LENGTH: 17
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APPLICANT: MCSNiggen, Jim
APPLICANT: MCSNiggen, Jim
APPLICANT: MOXISSEY, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
CURRENT INVENTION: MUMBER: US/09/877,478
CURRENT APPLICATION NUMBER: US 07/882,712
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR APPLICATION NUMBER: US 09/536,385
PRIOR APPLICATION NUMBER: US 09/636,347
PRIOR APPLICATION NUMBER: US 09/636,347
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
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PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR TILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
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                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 09/436,430 PRIOR FILING DATE: 1999-11-08
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PRIOR FILING DATE: 1995-05-04
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Local Similarity 93.8%;
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Local Similarity 93.8%;
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Blatt, Larry
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Pred. No. 6.9e
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APPLICANT: Hoboyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: Von Carlowitz, Ira
APPLICANT: Won Carlowitz, Ira
APPLICANT: Hombin, Paul
APPLICANT: Hambin, Paul
APPLICANT: Hambin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: (GRID) Gene
FITLE OF INVENTION: (GRID) Gene
FILE REFERENCE: MBHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOPTWARE: Patentin version 3.0
SEQ ID NO 365
LENGTH: 17
; Sequence 366, Application US/09792818
Publication No. US20030134806A1
; GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: Word Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
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US-09-792-818-366
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CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2903
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Best Local Similarity 93.8%;
Matches 15; Conservative
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TITLE OF INVENTION: Enzymatic Mucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA
ORGANISM: Homo sapiens
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NAME/KEY: misc_feature
LOCATION:
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o. US20030134806A1
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Pred. No. 6.9e+02
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Pred. No. 6.9e+02;
0; Mismatches 1
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; ORGANISM: Homo sapiens
US-09-792-818-481
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LENGTH: 17
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Best Local Similarity 93.8%;
Matches 15; Conservative
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APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with InsertITLE OF INVENTION: (GRID) Gene
FILE REFERENCE: MBHB00-901-A (400/013)
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
                                                                                                                                                                           APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Jarvis, Thale APPLICANT: Von Carlowitz, Ira
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APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for
TITLE OF INVENTION: (GRID) Gene
FILE REFERENCE: MBHB00-901-A (400/013)
CURRENT EPPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
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CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
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TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
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Local Similarity 87.5%;
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Pred. No. 6.9e+02;
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Pred. No. 6.9e+02;
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US-09-817-879-2903
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US-09-817-879-2903/c
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SEQ ID NO 483
LENGTH: 17
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Matches 15; Conserva
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Best Local
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APPLICANT:
                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with InseTITLE OF INVENTION: (GRID) Gene
FILE REFERENCE: MBHB00-901-8 (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
CURRENT FILING DATE: 2001-02-23
CURRENT OF SEQ ID NOS: 2304
                                                                                                                                                                CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
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                                                                 TYPE: RNA
ORGANISM: artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
                OTHER INFORMATION: oligonucleotide substrate
                                              NAME/KEY: misc_feature
                                 LOCATION:
                                                                                                                   ENGTH: 17
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Similarity 87.5%;
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Von Carlowitz,
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Ellis, Jonathan
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Pred. No. 6.9e
1; Mismatches
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Pred. No. 6
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Query Match

0.3%;

Score 14.4;

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Length 17;

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CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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US-10-060-756A-1008/c
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Best Local Similarity
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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED
FILE REFERENCE: PB0177
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ORGANISM: Homo sapiens
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FILING DATE: 2001-10-09
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                                        FILING DATE: 2001-01-30
                                                                APPLICATION NUMBER: PCT/US01/00668
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                   CATION NUMBER: PCT/US01/00663
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2001-01-30
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Pred. No. 6.9e+02;
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2800
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US-10-238-700-2800/c
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                CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
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TITLE OF INVENTION: Nucleic Acid Treatment of
FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
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Publication No. US20030166229A1
GENERAL INFORMATION:
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Best Local Similarity 93.8%;
Matches 15; Conservative
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SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1009
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Best Local S
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TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
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APPLICANT: McSwiggen, James
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TYPE: DNA
ORGANISM: Homo sapiens
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93.8%; Pred. No. 6.9e+02;
tive 0; Mismatches 1
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Pred. No. 6.9e+02;
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                                                                                                                                                     SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 1080

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-061-201-1080
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; ORGANISM: Homo sapiens
US-10-061-201-1078
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Best Local Similarity
Matches 15; Conserv
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                                                                                                  Best Local Similarity
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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CURRENT FILING DATE: 2002-01-30
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SOFTWARE: Aeomica Sequence Listing Engine
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PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
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ITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
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                                     819 CTGGAGGAAGAGGACA 834
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                                                                             Conservative
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Pred. No. 6.9e+02;
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Pred. No. 6.
                                                                           Mismatches
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                                                                                                               Length 17;
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PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR APPLICATION NUMBER: US 60/192,179
                                           ; ORGANISM: Homo sapiens 
US-10-209-787-1096
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US-10-209-787-1096/c
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US-10-209-787-1095
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US-10-209-787-1095
                                                                                                                               SEQ ID NO 1096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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GENERAL INFORMATION:
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  Query Match
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Best Local Similarity
                                                                                                                                                             PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides FILE REFERENCE: Napro-4 CURRENT APPLICATION NUMBER: US/10/209,787 CURRENT FILING DATE: 2002-07-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kmiec, Eric B.
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                                                                                                       ENGTH:
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                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/192,176
FILING DATE: 2000-03-27
APPLICATION NUMBER: US 60/192,179
FILING DATE: 2000-03-27
APPLICATION NUMBER: US 60/208,538
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FILING DATE: 2000-66-01
APPLICATION NUMBER: US 60/244,989
FILING DATE: 2000-10-30
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APPLICATION NUMBER: US 09/818,875
FILING DATE: 2001-03-27
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Rice, Michael
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93.8%; Pred. No. 6
  0.3%;
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  Score 14.4;
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Length 17;
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US-10-297-068-554
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                                  APPLICANT: Yang, Meijia
APPLICANT: CuraGen Corporation
APPLICANT: CuraGen Corporation
TITLE OF INVENTION: Treatment of Inflammatory Bowel Disease
TITLE OF INVENTION: Using Growth Factors
FILE REFERENCE: 15966-557A IBD CIP2
CURRENT APPLICATION NUMBER: US/10/321,962
CURRENT FILING DATE: 2002-12-16
NUMBER OF SEQ ID NOS: 42
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 29
LENGTH: 17
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SOPTWARE: PatentIn Ver. 2.:
SEQ ID NO 554
LENGTH: 17
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Best Local Similarity
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CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
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TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: INOKO, APPLICANT: KAGIY
ORGANISM: Artificial Sequence
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Matsumura, Yoshiyuki
MORIYA, Shogo
                                                                                                                                                                                                                                                                                                                                 Jeffers, Michael E.
LaRochelle, William J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KAGIYA, Taeko
                                                                                                                                                                                                                              Shimkets, Juliette
Shimkets, Richard A.
                                                                                                                                                                                                                                                                 Prayaga, Sudhirdas
Rittman, Beth
                                                                                                                                                                                                                                                                                                  Peterson, Jeffrey
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Pred. No. 6.9e+02;
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TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: NaPro-4CON

CURRENT APPLICATION NUMBER: US/10/261,185

CURRENT FILING DATE: 2002-09-27

PRIOR APPLICATION NUMBER: PCT/US01/09761

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-05-01

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER: OF SEQ ID NOS: 4385
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SEQ ID NO 1095
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Publication No. US20040014057A1
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Best Local Similarity
Matches 15; Conserv
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                   APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single FILE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
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NUMBER: US 60/208,538
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93.8%; Pred. No. 6
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93.8%; Pred. No. 6.90
tive 0; Mismatches
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US-10-342-902-1413/c
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US-10-342-902-685/c
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; ORGANISM: Homo sapiens
US-10-261-185-1096
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US-10-342-902-685
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PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1096
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SEQ ID NO 685
                                       GENERAL
                                                   Sequence 1413, Application US/10342902
Publication No. US20040054156A1
                                                                                                                                                                                                                                                   Matches
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FILE REFERENCE: 400/075 (MBHB00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR PILING DATE: 2001-06-08
PRIOR PILING DATE: 2001-06-08
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-99
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR PILING DATE: 2000-01-24
PRIOR PILING DATE: 2000-10-24
PRIOR PILING DATE: 2000-10-24
PRIOR PILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 1994-02-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 01/882,122
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
APPLICANT: Sirna Therapeutics, Inc. APPLICANT: Draper, Kenneth
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                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
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                                   INFORMATION:
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Morrissey, Dave
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o. US20040054156A1
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Pred. No. 6
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Best Local
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TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MBHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
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PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
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PRIOR APPLICATION NUMBER: US 09/531,025
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CURRENT FILING DATE: 2003-01-15
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                                                APPLICATION NUMBER: US 60/363,124
FILING DATE: 2002-03-11
APPLICATION NUMBER: US 09/817,879
                                                                                                                                                                                      FILING DATE: 2002-03-26
APPLICATION NUMBER: US 60/296,876
FILING DATE: 2001-06-08
APPLICATION NUMBER: US 60/335,059
FILING DATE: 2001-10-24
                                                                                                                                                      APPLICATION NUMBER: US 60/337,055 FILING DATE: 2001-12-05
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APPLICATION NUMBER: US 09/636,385
FILING DATE: 2000-08-09
                                      FILING DATE:
                                                                                                             APPLICATION NUMBER: US 60/358,580 FILING DATE: 2002-02-20
APPLICATION NUMBER: US 09/740,332 FILING DATE: 2000-12-18
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                                                                                                                                                                                                                                                                                                                                                                                                                          Patrice, Lee
Kenneth, Draper
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Pred. No. 6
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APPLICANT: PARTICE, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Kenneth, Draper
APPLICANT: Kenneth, Draper
APPLICANT: Elisabett, Roberts
TITLE OF INVENTION: CLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MBHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/659,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: US/050/9187
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-02-03-10
PRIOR APPLICATION NUMBER: US 60/337,055
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; ORGANISM: Hepatitis B Virus
US-10-669-841-685
                                                                                                                 US-10-669-841-1413
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PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 685
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Matches 15; Conserv
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                                                        Query Match
                                                                                                                                                                                                                                SEQ ID NO 1413
                                                                                                                                                                                                                                                        Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 16207 SOFTWARE: PatentIn version 3.0
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PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
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                                                                                                                                               ORGANISM: Hepatitis B Virus
Local Similarity hes 15; Conserv
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CATION NUMBER: US 09/740,332
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David, Morrissey
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                       0.3%; Score 14.4; DB 1; Length 17; 93.8%; Pred. No. 6.9e+02;
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TITLE OF INVENTION: VIRUS REPLICATION
FILLE REFERENCE: 400/0420S (MBHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILLING DATE: 2003-09-23
FRIOR REPLICATION NUMBER: PCT/US02/09187
FRIOR FILLING DATE: 2002-03-26
PRIOR FILLING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
FRIOR APPLICATION NUMBER: US 60/335,059
FRIOR APPLICATION NUMBER: US 60/335,059
FRIOR APPLICATION NUMBER: US 60/337,055
FRIOR APPLICATION NUMBER: US 60/337,055
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR APPLICATION NUMBER: US 09/817,
RESULT 1045

US-10-732-361-1344

; Sequence 1344, Application US/10723361

; Publication No. US20040137589A1

; GENERAL INFORMATION:
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; OTHER INFORMATION: oligonucleotide substrate US-10-669-841-5496
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US-10-669-841-5496/c
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
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David, Morrissey
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Kenneth, Draper
Elisabeth, Roberts
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Pred. No. 6.
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US-10-723-361-1344
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 60/236,359
PRIOR FILING DATE: 2000-09-27
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LENGTH: 17
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-10
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
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PRIOR FILING DATE: 2001-05-25
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Pred. No. 6.
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                                                         SOFTWARE: Aeomica Sequence SEQ ID NO 6703
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Best Local
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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TYPE: DNA
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FITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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                                                                                                                  Application data removed -
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EL, David
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Pred. No. 6.9e+02;
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                                                                                                                  See File Wrapper or PALM
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RESULT 1049
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US-10-723-361-6704
                                                                     Sequence 7085, Application US/10723361 Publication No. US20040137589A1
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Best Local
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART FILE REFERENCE: P80105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR PILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
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                                  APPLICANT: GU, Yizhong
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: US 60/236,359
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                                                     INFORMATION
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
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JI, Yonggang
PENN, Sharron G.
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Pred. No. 6.9e+02;
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Pred. No. 6.
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US-10-723-361-7085
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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PRIOR APPLICATION NUMBER: PCT/US01/00665
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
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TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
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                                                          APPLICATION NUMBER: US 60/207,456
FILING DATE: 2000-05-26
APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
FILING DATE: 2000-09-27
                                         APPLICATION NUMBER: PCT/US01/00666
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PENN, Sharron
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PCT/US01/00667
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RESULT 1051
US-10-723-361-8197/c
, Sequence 8197, Application US/10723361
, Publication No. US20040137589A1
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; ORGANISM: Homo
US-10-723-361-7086
                                        US-10-723-361-8197
                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR PELICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 7086
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SEQ ID NO 8197
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Query Match
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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                                                                                                                                                                                           Remaining Prior Application data removed -
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                                                               ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00664
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PENN, Sharron
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Pred. No. 6
  Score 14.4;
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.9e+02;
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  Length 17;
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US-10-723-361-8201/c

GENERAL INFORMATION

Sequence 8201, Application US/10723361 Publication No. US20040137589A1

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
APPLICANT: HANZEL, David
APPLICANT: RANK, David
APPLICANT: CHEN, Wensh

JI, Yonggang PENN, Sharron ( HANZEL, David R RANK, David R.

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RESULT 1053

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US-10-723-361-8199/c
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                                                                                                                                                            ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8199
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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                             SOFTWARE: Aeomica Sequence SEQ ID NO 8199
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                                                                              Matches
                                                                                                 Query Match
Best Local
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CURRENT FILING DATE: 2003-11-26
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: PB0105
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                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 15755
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                                                                                                                                                                                                                     LENGTH:
                                                                                                                                                                                                                                                                                                                                          OR APPLICATION NUMBER: PCT/USO1/00667
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00664
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00668
OR APPLICATION NUMBER: PCT/USO1/00668
                         3873 ATCAAGCCTTCCAGAT 3888
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16 ATCAAGCCTTCCAAAT 1
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                                                                                                   Similarity
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HANZEL, David
                                                                              Conservative
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                                                                                                 Score 14.4;
Pred. No. 6
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                                                                                                 6.9e+02;
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                                                                                                                  Length 17;
                                                                                Indels
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RESULT 1054
US-10-723-361-8202/c
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                                                  FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 4263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8201
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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APPLICANT: JI, Yonggan,
APPLICANT: PENN, Sharry
APPLICANT: HANZEL, David
APPLICANT: RANK, David
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Publication No. US20040137589A1
GENERAL INFORMATION:
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Best Local
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
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IITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
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APPLICATION NUMBER: PCT/US01/00667 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00664
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PENN, Sharron G.
HANZEL, David K.
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Pred. No. 6.9e+02;
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APPLICANT: VAN BRABANT, ANJA

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING
TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACI
FILE REFERENCE: NaPro-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
NUMBER OF SEQ ID NOS: 4375
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-741-601-26358
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; ORGANISM: Homo sapiens
US-10-723-361-8202
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Publication No. US20040175722A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 26415
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 26358
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APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STERMOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001500
SEQ ID NO 1095
LENGTH: 17
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity 93.8%;
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                          SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                           APPLICANT: KMIEC,
APPLICANT: VAN B
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Pred. No. 6.9e+02;
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Pred. No. 6.9e+02;
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ALTERATION
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; SEQ ID NO 1920
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1920
                                                                                                                                                                                APPLICANT: Effertz, Roger J.

APPLICANT: Hauge, Brian M.

TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping FILE REFERENCE: 38-10(52679)A

CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT FILING DATE: 2001-10-05

PRIOR APPLICATION NUMBER: US 09/754,853

PRIOR FILING DATE: 2001-01-05

PRIOR APPLICATION NUMBER: US 09/760,427

PRIOR APPLICATION NUMBER: US 09/760,727

PRIOR APPLICATION NUMBER: US 09/760,727

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR APPLICATION NUMBER: US 09/855,768

PRIOR FILING DATE: 2001-05-15

NUMBER OF SEQ ID NOS: 4593
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US-10-681-074-1095
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; ORGANISM: Homo sapiens
US-10-681-074-1096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-681-074-1096/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1096, Application US/10681074 Publication No. US20040175722A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1920, Application US/09969373 Patent No. US20020133852A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.2 SEQ ID NO 1096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                         Query Match
  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
FILE REFERENCE: NaPro-18 US
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR PRIOR PRIOR DATE: 2003-03-07
PRIOR PRIOR PRIOR DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2003-03-07
NUMBER OF SEQ ID NOS: 4375
NUMBER OF SEQ ID NOS: 4375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: KMIEC, APPLICANT: VAN B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
Local Similarity hes 15; Conserv
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  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%;
                   0.3%; Score 14.4; DB 1;
93.8%; Pred. No. 7.6e+02;
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Pred. No. 6.9e+02;
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Pred. No. 6.
  Mismatches
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6.9e+02;
                                         Length 18;
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  Indels
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Publication No. US20030087845A1
GENERAL INFORMATION:
                                                                               Query Match
Best Local Similarity
Matches 15; Conserv
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INFORMATION FOR SEQ ID NO: 971:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527

APPLICATION NUMBER: US 08/757,024

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/757,024

FILING DATE: 26-11-1996

APPLICATION NUMBER: US 09/472,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 09/016,464

FILING DATE: 30-January-1998

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930

REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATEURIN RELEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                     3741 GTGCCCGCGCCCCGGC 3756
                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: EPI-00672 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED W.
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
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w
                                                                                                                                                                                                                           LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
GTGCCCGCTCCCCGGC
                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New Jersey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 7 Clarke Drive
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                                                                                   Conservative
                                                                                                  0.3%;
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                                                                                                    Score 14.4;
Pred. No. 7
                                                                                 Mismatches
                                                                                                       .6e+02;
                                                                                                                          DB 1;
                                                                                                                      Length 18;
                                                                                   Indels
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                                                                                   Gaps
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US-10-024-818-10/c
; Sequence 10, Application US/10024818
; Publication No. US20030096980A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian

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Sequence 1159, Application US/10005956

Publication No. US20030113726A1

GENERAL INFORMATION:
APPLICANT: Bristc1-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT APPLICATION NUMBER: 00/251,015
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/273,037
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CURRENT FILING DATE: 2001-12-18
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 10
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; OTHER INFORMATION: Synthetic construct
US-10-024-818-10
                                                                                                                                                     US-10-294-203-10/c
                                                                                                                                                                           RESULT 1062
                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapiens US-10-005-956-1159
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 1579
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1159
LENGTH: 18
                                                                                Sequence 10, Application US/10294203 Publication No. US20030170680A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
                APPLICANT: Froehler, Brian
APPLICANT: Wagner, Rick
APPLICANT: Mateucci, Mark
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TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OF INVENTION: Containing Modified Pyrimidines
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  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                                                                                                                            1388 CTCCCTTATCCCTCCA 1403
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Jones, Robert J
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Robert J
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Pred. No. 7.6e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                     Score 14.4; DB 1; Length 18; Pred. No. 7.6e+02;
                                                                                                                                                                                                                                                                                                                                   Mismatches
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RESULT 1064 US-10-349-143-4491/c

GENERAL INFORMATION: APPLICANT: Cohen, D

Cohen, Daniel Blumenfeld, Marta Sequence 4491, Application US/10349143 Publication No. US20040005584A1

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APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: UP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 58
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
COTHER INFORMATION: Description of Artificial Sequence:capture
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
PRIOR APPLICATION NUMBER: 10/024,818
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
SEQ ID NO 10
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
В
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                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:capture US-10-297-068-58
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                                                                         Matches
                                                                                           Best Local Similarity
                                                                                                             Query Match
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Publication No.
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Best Local Similarity
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APPLICANT: Pudlo, Jeff
TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OF INVENTION: Containing Modified Pyrimidines
FILE REFERENCE: GLISO155
CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
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APPLICANT: KAGIYA, Taeko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  276 CTCTTTCTCTCTCTCT 291
                                   408 AGAGGCAACGGGCGGC 423
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3 AGAGGAAACGGGCGGC 18
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Matsumura, Yoshiyuki
MORIYA, Shogo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/10297068
                                                                         Conservative
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                                                                       0.3%; Score 14.4; DB 1
93.8%; Pred. No. 7.6e+02
tive 0; Mismatches
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Pred. No. 7.6e+02;
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                                                                                                             Length 18;
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CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/99/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 4491

LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NOS: 11796
                                                                                              Query Match
Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, APPLICANT: Chumakov, Il
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                                                                                                                                                                                                    NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-10201 for SEQ 2291,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE
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                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: primer_bind LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                     ENGTH: 18
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OF INVENTION: Biallelic markers for use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1600 AGAAGGAGAAGATCCT 1615
                                             2755 ACCTGGAGTTCCACTC 2770
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                                                                                                 Conservative
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                                                                                                                     0.3%;
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Pred. No. 7.6e
0; Mismatches
                                                                                                                     Score 14.4; DB 1
Pred. No. 7.6e+02
                                                                                                 Mismatches
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                                                                                                                                            DB 1;
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                                                                                                                                            Length 18
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US-09-791-932-157
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; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-435-696-154
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PRIOR FILING DATE: 2000-02-23
PRIOR FILING DATE: 2000-02-23
PRIOR FILING DATE: 2000-02-23
PRIOR PRIOR APPLICATION NUMBER: 60/18
PRIOR FILING DATE: 2000-02-23
PRIOR PRIOR APPLICATION NUMBER: 60/18
PRIOR FILING DATE: 2000-02-23
PRIOR PRILING DATE: 2000-02-23
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Publication No. US20040018525A1

GENERAL INFORMATION:

APPLICANT: Wirtz, Ralph

APPLICANT: Waltz, Ralph

APPLICANT: Kallabis, Harald

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSI

TITLE OF INVENTION: METHODS AND TREATMENT OF MALIGNANT NEOPLASIA

FILE REFERENCE: LeA 36 108

CURRENT APPLICATION NUMBER: US/10/435,696

CURRENT FILING DATE: 2003-05-09

PRIOR APPLICATION NUMBER: EP03003112.4

PRIOR APPLICATION NUMBER: EP02010291.9

PRIOR APPLICATION NUMBER: EP02010291.9

PRIOR FILING DATE: 2002-05-21

NUMBER: EP0 SEC 11 N NOC. 314
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SEQ ID NO 154
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Best Local
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CURRENT APPLICATION NUMBER: US/09/791,932
CURRENT FILING DATE: 2001-02-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                        OR APPLICATION NUMBER:
OR FILING DATE: 2000-0
REPLICATION NUMBER:
OR FILING DATE: 2000-0
REPLICATION NUMBER:
OR APPLICATION NUMBER:
OR FILING DATE: 2000-0
REPLICATION NUMBER:
OR APPLICATION NUMBER:
OR APPLICATION NUMBER:
APPLICATION NUMBER: FILING DATE: 2000
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Similarity 93.8%;
15; Conservative
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Huff, Rita M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Vogel
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b. US20030003451A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          i, Gabriel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Paul S.
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2000-07-20
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                     60/218,492
                                                               60/217,370
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Pred. No. 7.
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RESULT 1069
US-10-349-320-18/c
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US-10-118-783-11/c
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Sequence 18, Application US/10349320
Publication No. US20030190654A1
GENERAL INFORMATION:
APPLICANT: Heidenreich, Olaf
TITLE OF INVENTION: DOUBLE-STRANDED RNA (derna) AND METHOD OF USE
FILE REFERENCE: 20200/2112
CURRENT APPLICATION NUMBER: US/10/349,320
CURRENT FILING DATE: 2003-01-22
                                                                                                                                                                                                                                                                                            0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 11
LENGTH: 19
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Publication No. US20030096255A1
GENERAL INFORMATION:
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Best Local Similarity 93.8%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Felix, Carolyn A.
APPLICANT: Jones, Douglas H.
APPLICANT: Rappaport, Eric
TITLE OF INVENTION: Methods and Kits for Analysis of
TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
FILE REFERENCE: CHOP-0003 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/118,783
CURRENT FILING DATE: 2002-04-09
ENIOR APPLICATION NUMBER: 09/026,033
PRIOR FILING DATE: 1998-02-19
PRIOR FILING DATE: 1998-02-19
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ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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APPLICATION NUMBER:
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Pred. No. 8.2e+02;
                                                                                                                                                                                                                                                                                                                              Score 14.4; DB 1;
Pred. No. 8.2e+02;
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; OTHER INFORMATION: primer US-10-349-320-18
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US-10-339-674-3476
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SOFTWARE: Proprietary
SEQ ID NO 3476

LENGTH: 19

TYPE: DNA
ORGANISM: Escherichia coli K-12 MG1655 complete genome.
FEATURE:
                                                                                             NUMBER OF SEQ ID NOS: 3537
SOFTWARE: Proprietary
SEQ ID NO 3477
LENGTH: 19
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SEQ ID NO 18
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial sequence
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Publication No. US20030204318A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                       Sequence 3477, Application US/10339674
Publication No. US20030204318A1
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Best Local Similarity
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TITLE OF INVENTION: Eschberichia coli K-12 MG1655 complete
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/339,674
CURRENT FILING DATE: 2003-06-06
                                                                                                                                                                        APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genoma.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/339,674
CURRENT FILING DATE: 2003-06-06
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PRIOR FILING DATE: 2002-01-22
NUMBER OF SEQ ID NOS: 20
LOCATION: (4580762)...(4580781)
OTHER INFORMATION: Chromosome = 1
                                      ORGANISM: Escherichia coli K-12 MG1655 complete genome FEATURE:
                                                                            TYPE: DNA
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OTHER INFORMATION: Chromosome = 1
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Pred. No. 8.2e+02
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Pred. No. 8.2e+02;
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; OTHER INFORMATION: PRIMER US-10-382-634-19
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CURRENT APPLICATION NUMBER: US/10/444,925
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Publication No. US20
GENERAL INFORMATION:
                                                                                                       NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn versi
SEQ ID NO 19
LENGTH: 19
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Matches 15; Conserv
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APPLICANT: Klinghoffer, Richard
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
TITLE OF INVENTION: BY RNA INTERFERENCE
                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: DE 101 58 411.3
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: DE 101 60 151.4
PRIOR FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: DE 102 30 996.5
PRIOR FILING DATE: 2002-07-09
PRIOR PILING DATE: 2002-07-09
PRIOR PILING DATE: 2002-01-09
PRIOR FILING DATE: 2002-01-09
PRIOR FILING DATE: 2002-01-09
                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Composition and Method FILE REFERENCE: 20200/2062 CURRENT APPLICATION NUMBER: US/10/382,634 CURRENT FILING DATE: 2003-03-07 PRIOR APPLICATION NUMBER: DE 101 55 280.7 PRIOR FILING DATE: 2001-10-26
                                                                                                                                                                                     PRIOR FILING DATE:
                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/EP02/11971
                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/EP02/00151 PRIOR FILING DATE: 2002-01-09
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ORGANISM: Artificial Sequence
                                                      ORGANISM: artificial sequence
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                                         FEATURE:
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D. US20040009946A1
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Pred. No. 8.2e+02;
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RESULT 1074
US-10-382-248-55/c
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                                                           CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-03
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Publication No. US20
GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1708, Application US/10665951
Publication No. US20040138163A1
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                    APPLICANT: PavCo, Pamela TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/131 (MBHB02-742-F)
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PRIOR FILING DATE: 2002-03-06
PRIOR APPLICATION NUMBER: 60/365,477
PRIOR FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 60/401,661
PRIOR FILING DATE: 2002-08-06
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CURRENT FILING DATE: 2003-03-05
CURRENT FILING NUMBER: 60/366,928
PRIOR APPLICATION NUMBER: 60/366,928
PRIOR FILING DATE: 2002-03-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Alsobrook,
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                                       APPLICATION NUMBER: US 10/287,949
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                       LING DATE:
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Beigelman, Leonid
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US 10/306,747
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Pred. No. 8.2e+02;
0; Mismatches 1
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Pred. No. 8.2e+02
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                                                                                                  SOFTWARE: PatentIn version 3.2
SEQ ID NO 1955
LENGTH: 19
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Best Local Similarity 87.5%;
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PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
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APPLICANT: PavCo, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/131 (MBHB02-742-F)
                                                                                                                                                                                  Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 2455
                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/386,782 PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
                                                     ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/399,348 FILING DATE: 2002-07-29 APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US 02/17674 FILING DATE: 2002-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 10/287,949 FILING DATE: 2002-11-04
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APPLICATION NUMBER: US 60/363,124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 10/306,747
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Pred. No. 8
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                                         US-10-683-990-156
                                                          RESULT 1078
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                                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 59
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
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Best Local
Sequence 156, I Publication No.
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Best Local :
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Publication No.
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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CURRENT FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: PCT/US03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR TITING TO THE PRIOR APPLICATION NUMBER: US 60/358,580
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APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic /
FILE REFERENCE: 400/134 (02-742-H)
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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                                                                                                                                                                                                                                                                                                                        FEATURE:
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APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/409,293
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Application US/10683990
o. US20040198682A1
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                                                                                                                                                                                                                      Score 14.4;
Pred. No. 8
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Pred. No. 8.2e+02
                                                                                                                                                                                                                                                                                                         of Artificial
                                                                                                                                                                                                       Mismatches
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                                                                                                                                                                                                                                                                                                     Sequence:
                                                                                                                                                                                                                                           Length 19
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GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: MCSwiggen, James
APPLICANT: Usman, Nassim

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                                                                                                                         ; OTHER INFORMATION: A primer US-09-820-198-3
                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/820,198
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: US 60/192754
PRIOR FILING DATE: 2000-03-28
RUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
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Publication No. US20020045258A1
GENERAL INFORMATION:
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SEQ ID NO 156
                                           Matches 15;
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                                                                                Query Match
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                           TYPE: DNA
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                                                              Local Similarity
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les 7; Conserv
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APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
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APPLICATION NUMBER: US 60/406,784
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  3170 CGACCCCATGAAGCAG 3185
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                                           Conservative
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                                                          Score 14.4; DB 1;
Pred. No. 8.9e+02;
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Pred. No. 8.2e+02;
                                       Mismatches
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RESULT 1081
US-09-791-406-36/c
; Sequence 36, Application US/09791406
; Patent No. US20020147165A1
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US-09-825-574-8
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Patent No. US20020119454A1
GENERAL INFORMATION:
                                                                                                              GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
                APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
TITLE OF IN
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/934,097
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECHMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
                                                                                                                                                                                                                                                                                      3342 GACCAGCCGCCAAGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
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                                                                                                                                                                                                                                                  GACCAGCGGCCCAAGG 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 94104
Robert Rothlein
Takashi Kei Kishimoto
Lex M. Cowsert
VENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                            Frank Bennett
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                                                                                                                                                                                                                                                                                                                            Score 14.4; DB 1.
Pred. No. 8.9e+02.
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                             NO: 8:
                                                                                                                                                                                                                                                                                                                                                                   Length
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INVENTION:

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Sequence 6, Application US/0999333

Patent No. US20020156040A1

GENERAL INFORMATION:
APPLICANT: Oberley, Larry Wayne
APPLICANT: Weydert, Christine J.
APPLICANT: Smith, Benjamin Barnes
TITLE OF INVENTION: Reduction of antioxidant enz
TITLE OF INVENTION: oligonucleotides
FILE REFERENCE: 875.042US1
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: US/09/993,333
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: US 60/248,328
PRIOR FILING DATE: 2000-11-14
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Patent No. US20020147166A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennet
APPLICANT: Robert Rothleir
APPLICANT: Hakashi Kei Kiti
APPLICANT: Lex M. Cowsert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-791-942-51
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CURRENT APPLICATION NUMBER: US/09/791,942
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 51
LENGTH: 20
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SEQ ID NO 36
LENGTH: 20
                                 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 6 LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791,406
CURRENT FILING DATE: 2001-02-22
                                                                                           NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Antisense Oligonucleotide
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mes 15; Conserv
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Takashi Kei Kishimoto
Lex M. Cowsert
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93.8%;
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
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                                                                                                                                                                                                                           enzyme
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RESULT 1085
US-09-953-047-57/c
; Sequence 57, Application US/09953047
; Publication No. US20030087854A1
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-72
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                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-953-047-57
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                                                                                                                                                                        SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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SEQ ID NO 72
LENGTH: 20
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                                                                      Matches
                                                                                       Best
                                                                                                     Query Match
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                                                                                                                                                                                                                                                             APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPR-
FILE REFERENCE: RTS-0157
CURRENT APPLICATION NUMBER: US/09/953,047
CURRENT FILLING DATE: 2001-09-10
CURRENT FILLING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/906,158
CURRENT FILING DATE: 2001-07-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                     Local
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                                 435 GAGGGGCCTCCGCTCC 450
 16 GAGGGGCCTCTGCTCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16 GAAGACAAAGTCCCAG
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                                                                                     h 0.3%;
Similarity 93.8%;
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                                                                      Conservative
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93.8%; Pred. No. 8.9e+02;
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                                                                                   Score 14.4; DB 1;
Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
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                                                                                                       DB 1;
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                                                                                                     Length 20,
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RESULT 1086 US-09-882-945A-8

Sequence 8, Application US/09882945A Publication No. US20030143535A1

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US-09-974-026-41/c
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                                                                                                                                                    ; OTHER INFORMATION: Gene specific DNA sequencing primer. US-09-974-026-41
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SOFTWARE: PATENTIN version 3.0
SEQ ID NO 8
LENGTH: 20
                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 41, Application US/09974026 Publication No. US20030194398A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                              Query Match
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APPLICANT: Neri, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization
FILE REFERENCE: FORS-04586
                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/019,793
PRIOR FILING DATE: 1996-06-14
PRIOR APPLICATION NUMBER: US 60/013,106
PRIOR FILING DATE: 1996-03-11
                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/US97/03894
PRIOR FILING DATE: 1997-03-10
PRIOR APPLICATION NUMBER: US 08/725,251
PRIOR FILING DATE: 1996-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2001-10-10
PRIOR APPLICATION NUMBER: US 09/144,428
PRIOR FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 96-223-ZZ
CURRENT APPLICATION NUMBER: US/09/974,026
CURRENT FILING DATE: 2001-10-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
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                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 105
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APPLICANT: Christopher, Marlor W
APPLICANT: Daniel, Muller K
TITLE OF INVENTION: Human Bikunin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Tamburini, Paul P
APPLICANT: Davis, Gary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                            FEATURE:
                                                                          Local Similarity
mes 15; Conserv
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                                    3479 GTCAAGGCCCAGTGAC 3494
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                                                                          Conservative
                                                                                          93.8%;
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Pred. No. 8
                                                                        Score 14.4; DB 1;
Pred. No. 8.9e+02;
0; Mismatches 1
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RESULT 1088

US-10-032-585-5855/c

Sequence 5855, Application US/10032585 Publication No. US20030180953A1

INFORMATION:

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RESULT 1090
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 21, Application US/10006366 Publication No. US20030125273A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 98
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
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                                                                                                                             Matches
                                                                                                                                          Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Gao, Boning
APPLICANT: Duh, Fuh-Mei
INTEROF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
FILE REFERENCE: NIH-05043
CURRENT APPLICATION NUMBER: US/10/116,949
CURRENT FILING DATE: 2002-04-05
FRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 114
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/006,366
CURRENT FILING DATE: 2001-11-05
                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: RTS-0332
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: C. APPLICANT: K
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                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSACTIVATOR EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                         710 GGCATCCGAAGGCGTC 725
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Latif,
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enneth W. Dobie
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                                                                                                                                          0.3%;
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                                                                                                                                            Score 14.4; DB 1;
Pred. No. 8.9e+02;
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Pred. No. 8.9e+02
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RESULT 1092
US-10-178-258-27/c
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; ORGANISM: Candida albicans
US-10-032-585-5855
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              Sequence 27, Application US/10178258
Publication No. US20030235913A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
FILE REFERENCE: HTS-0010
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT APPLICATION NUMBER: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 521
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APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5855
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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Best Local &
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Publication No
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APPLICANT: Baker,
APPLICANT: McNeil,
CURRENT APPLICATION NUMBER: US/10/178,258
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                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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Local Similarity 93.8%;
les 15; Conservative
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Sasmor, Henri M.
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Wyatt, Jacqueline R.
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                                                                                                                                                                                                                                                                                          Score 14.4; DB 1;
Pred. No. 8.9e+02;
0; Mismatches 1;
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Pred. No. 8.9e+02;
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Sequence 9824, Application US/10349143
; Sequence 9824, Application No. US20040005584A1
; General Information:
    Applicant: Cohen, Daniel
    Applicant: Blumenfeld, Marta
    Applicant: Chumakov, Ilya
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION INTERIOR OF USE in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614
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US-10-178-258-54
US-10-178-258-54
Sequence 54, Application US/10178258
Publication No. US20030235913A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
FILE REFERENCE: HTS-0010
CURRENT APPLICATION NUMBER: US/10/178,258
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 66
SEQ ID NO 54
LENGTH: 20
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NUMBER OF SEQ ID NOS:
SEQ ID NO 27
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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Best Local S
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ORGANISM: H. sapiens
FEATURE:
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                                                       ORGANISM: Homo Sapiens
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NAME/KEY: primer_bind
                               FEATURE:
                                                                                       TYPE: DNA
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93.8%; Pred. No. 8.9e+02;
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93.8%; Pred. No. 8.9e+02;
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US-10-190-366-30/c
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; OTHER INFORMATION: downstream amplification primer 99-7642 for SEQ 1959, US-10-349-143-9824
                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-190-366-227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-10-190-366-30
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Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                                                                                                                        SEQ ID NO 227
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 227, Application US/10190366 Publication No. US20040006031A1
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Best Local (
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LENGTH: 20
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Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                         FILE REFERENCE: PTS-0023
CURRENT APPLICATION NUMBER: US/10/190,366
CURRENT FILING DATE: 2002-07-02
                                                                                                                                                                                                                                                                                                      APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/190,366
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 409
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Nicholas M. Dean
                                                                                                                                                        ORGANISM: H. sapiens FEATURE:
                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
Local Similarity 93.8%;
1es 15; Conservative
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CGAGTTTTAGAAGAAG 20
                                                                    Conservative
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Pred. No. 8.9e+02;
0; Mismatches 1;
                                                                Score 14.4; DB 1;
Pred. No. 8.9e+02;
0; Mismatches 1
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Pred. No. 8.9e+02;
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RESULT 1097

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US-10-199-221-35
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SEQ ID NO 92
LENGTH: 20
TYPE: DNA
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APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                      Sequence 92, Application US/10199221
Publication No. US20040014048A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4351
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                                                                                  APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT EPPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                  NUMBER OF SEQ ID NOS: 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Watch 0.3%; Local Similarity 93.8%;
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No. US20040014048A1
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Pred. No. 8.9e+02;
0; Mismatches 1
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RESULT 1102
US-10-379-008-15/c
; Sequence 15, Application US/10379008
; Publication No. US20040018511A1
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US-10-200-293-56/c
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Best Local Similarity
Matches 15; Conserva
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; ORGANISM: Homo sapiens
US-10-200-293-104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-200-293-104
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LENGTH: 20
TYPE: DNA
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CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 119
SEQ ID NO 104
LENGTH: 20
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Publication No. US20040014699A1

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsert

APPLICANT: Lex M. Cobset

APPLICANT: Lex M. Cobset

TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION

FILE REFERENCE: PTS-0040

CURRENT APPLICATION NUMBER: US/10/200,293

CURRENT FILING DATE: 2002-07-18

NUMBER OF SEQ ID NOS: 119
                                                                                                                                                                                                                                                                                                                                                              Sequence 104, Application US/10200293

Publication No. US20040014699A1

GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
FILE REFERENCE: PTS-0040
                                                                                                                                                                 Query Match
Best Local Similarity
Matches 15; Conserv
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Local Similarity 93.8%;
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02.
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Pred. No. 8.9e+02;
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RESULT 1103
US-10-210-479-67/c
US-10-210-479-67/c
Sequence 67, Application US/10210479
Publication No. US20040023380A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
FILE REFERENCE: RTS-0385
CURRENT APPLICATION NUMBER: US/10/210,479
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 123
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                            RESULT 1104
US-10-379-747-35/c
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; OTHER INFORMATION: Bovine SST primer
US-10-379-008-15
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APPLICANT: Davis, Scott
APPLICANT: Davis, Scott
APPLICANT: Davis, Sara
TITLE OF INVENTION: Quantitative Trait Loci and
FILE REFERENCE: TAMK:262 12740.0262.NPUS01
CURRENT APPLICATION NUMBER: US/10/379,008
CURRENT FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: 60/361,589
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-210-479-67
                                                                                                                             Sequence 35, Application US/10379747 Publication No. US20040023874A1 GENERAL INFORMATION:
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SEQ ID NO 15
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Taylor,
APPLICANT: Smyth, K
APPLICANT: Findeise
APPLICANT: Lehn, Ca
                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%; Score 14.4; DB 1; Best Local Similarity 93.8%; Pred No. 8.9e+02;
APPLICANT: Burgess, Catherine E.;
APPLICANT: Chant, John S.;
APPLICANT: Chaudhuri, Amitabha;
APPLICANT: Edinger, Shlomit R.;
APPLICANT: Gangolli, Esha A.;
APPLICANT: Malyankar, Uriel M.;
                                                                                                                                                                                                                                                                                                                                                                           Matches
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ORGANISM: Artificial sequence
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                4900 CGAGGTGGGCAGCCAT 4915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1387 CCTCCCTTATCCCTCC 1402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%; Score 14.4; DB 1; larity 93.8%; Pred. No. 8.9e+02; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                      0;
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                                       SOFTWARE: Cu
SEQ ID NO 38
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 38, Application US/10379747 Publication No. US20040023874A1
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Best Local Similarity
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LENGTH: 20
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                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/365,034
PRIOR FILING DATE: 2002-03-15
PRIOR APPLICATION NUMBER: 60/366,420
PRIOR FILING DATE: 2002-03-21
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES,
FILE REFERENCE: 21402-568B
                                                                                                                  PRIOR APPLICATION NUMBER: 60/365,477 PRIOR FILING DATE: 2002-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2003-03-05
PRIOR APPLICATION NUMBER: 60/365,034
PRIOR FILING DATE: 2002-03-15
                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/379,747
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                                                                                                                                                                                                                                                                                                                                                                                                                           PPLICANT:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                  CANT: Patturajan, Meera ;
CANT: Rastelli, Luca ;
CANT: Rieger, Daniel K.;
CANT: Shimkete, Richard A.;
CANT: Zerhusen, Bryan D.
OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION:
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Malyankar, Uriel M.;
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Edinger, Shlomit R.;
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Rieger, Daniel K.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patturajan,
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                                                                                                                                                                                                                                                                                                                                                                                                                       Chean Eng;
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Pred. No. 8
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                                                                                                                                                     US-10-211-179-29
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Sequence 29, Application US/10211179

Publication No. US20040023906A1

GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTYROSYL PHOSPHATASE ACTIVATOR

FILE REFERENCE: PTS-0011

CURRENT APPLICATION NUMBER: US/10/211,179

CURRENT FILING DATE: 2002-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 41
LENCTH: 20
TYPE: DNA
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Best Local
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PRIOR FILING DATE: 2002-03-19
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CURRENT APPLICATION NUMBER: US/10/379,747
CURRENT FILING DATE: 2003-03-05
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                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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nes 15; Conserv
                                                                                                                                                                                                                                                                                                  Local
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APPLICATION NUMBER: 60/365,034
FILING DATE: 2002-03-15
APPLICATION NUMBER: 60/366,420
FILING DATE: 2002-03-21
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Zerhusen, Bryan D.
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Edinger, Shlomit R
Gangolli, Esha A.;
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Miller, Charles E.;
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Rastelli, Luca ;
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                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Catherine E.;
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
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                                                                                                                                                                                                                                                                                                              Length 20;
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NUMBER OF SEQ

EXP

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Sequence 3, Application US/10432101

Publication No. US20040086898A1

GENERAL INFORMATION:

APPLICANT: Maruyama, Takaharu

APPLICANT: Makamura, Takaharu

APPLICANT: Itadani, Hiraku

APPLICANT: ITanaka, Ken-ichi

TITLE OF INVENTION: GUANOSINE TRIPHOSPHATE (GTP)-BINDING

TITLE OF INVENTION: PROTEIN-COUPLED RECEPTOR PROTEIN, BG37

FILE REFERENCE: 14871-088US1

CURRENT APPLICATION NUMBER: US/10/432,101

CURRENT FILING DATE: 2003-05-16

PRIOR APPLICATION NUMBER: PCT/JP01/09512

PRIOR APPLICATION NUMBER: DCT/JP01/09512

PRIOR APPLICATION NUMBER: JD 2000-351741

PRIOR FILING DATE: 2000-102-15

PRIOR FILING DATE: 2000-102-15

PRIOR FILING DATE: 2000-102-15

PRIOR FILING DATE: 2001-02-15

PRIOR FILING DATE: 2001-02-15

PRIOR FILING DATE: 2001-02-15

PRIOR FILING DATE: 2001-02-15
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US-10-630-401-57
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CURRENT FILING DATE: 2003-07-30
PRIOR APPLICATION NUMBER: US/09/953,047
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 57, Application US/10630401
Publication No. US20040048824A1
GENERAL INFORMATION:
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Best Local :
                            SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 3
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APPLICANT: Jacqueline Wyatt
TITLE OP INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRIFILE REFERENCE: RTS-0157
                                                                                         PRIOR APPLICATION NUMBER: JP 2001-77000 PRIOR FILING DATE: 2001-03-16
                                                                        NUMBER OF SEQ ID NOS:
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93.8%;
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Pred. No. 8.9e+02;
0; Mismatches 1;
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Pred. No. 8.9e+02;
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NUMBER OF SEQ ID NOS: 156
SEQ ID NO 74
LENGTH: 20
TYPB: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                           , NUMBER OF SEQ ID NOS: 156
SEQ ID NO 142
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
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Publication No. US20040102395A1
GENERAL INFORMATION:
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Publication No. US20040102395A1
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Best Local Similarity
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Best Local (
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Best Local Similarity
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
                                                                                                                                                                                                                                                      TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION FILE REFERENCE: RTS-0434
                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobi
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CURRENT FILING DATE: 2002-11-22
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                                                                                                                                     FEATURE:
                  3760 GCTCCTTCACGTGCTC 3775
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15; Conserv
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Pred. No. 8.9e+02;
                                                          Score 14.4; DB 1;
Pred. No. 8.9e+02;
0; Mismatches 1
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Pred. No. 8.9e+02;
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RESULT 1112

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RESULT 1114
US-10-316-241-20/c
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LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
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Publication No. US20040102405A1
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APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
FILE REFERENCE: PTS-0056
CURRENT APPLICATION NUMBER: US/10/304,125
CURRENT FILING DATE: 2002-11-23
RUMBER OF SEQ ID NOS: 145
FILE REFERENCE: HTS-0091
CURRENT APPLICATION NUMBER: US/10/316,241
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 73
                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF MALT1 EXPRESSION
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CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 145
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
FILE REFERENCE: PTS-0056
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ORGANISM: Artificial Sequence
FEATURE:
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les 15; Conserv
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93.8%;
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Pred. No. 8.9e+02;
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8.9e+02;
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Best Local S
Matches 15
                                                                                                                                                                            FILE REFERENCE: RTS-0460
CURRENT APPLICATION NUMBER: US/10/317,249
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
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LENGTH: 20
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SEQ ID NO 54
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Best Local Similarity 93.8%;
Matches 15; Conservative
                                                           Matches
                                                                    Query Match
Best Local Similarity
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Publication No.
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF MALT1 EXPRESSION
FILE REFERENCE: HTS-0091
CURRENT APPLICATION NUMBER: US/10/316,241
CURRENT FILING DATE: 2002-12-09
                                                                                                                                                                                                                                                                                     APPLICANT: Tamara Balac Sipes
TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
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TYPE: DNA
ORGANISM: H.
                                                                                                                                                                                                                                                                                                   APPLICANT: Kenneth W. Dobie APPLICANT: Tamara Balar Si
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APPLICANT: Nicholas M. Dea
                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
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To. US20040110145A1
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                                                                      Score 14.4; DB 1
Pred. No. 8.9e+02
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02
                                                           Mismatches
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                                                                                      DB 1;
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US-10-774-888-35
Sequence 35, Application US/10774888
Publication No. US20040127451A1
GENERAL INFORMATION:
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TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
FILE REFERENCE: RTSP-0198
CURRENT APPLICATION NUMBER: US/10/415,463
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: 09/702,251
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 51
LENGTH: 20
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APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: C. Frank Bennett
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Publication No. US20040110155A1
GENERAL INFORMATION:
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SEQ ID NO 117
LENGTH: 20
TYPE: DNA
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Best Local
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APPLICANT: Tamara Balac Sipes
TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
FILE REFERENCE: RTG-0460
CURRENT APPLICATION NUMBER: US/10/317,249
CURRENT FILING DATE: 2002-12-10
                              APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/774,888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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Local Similarity 93.8%;
nes 15; Conservative
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15; Conserv
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Pred. No. 8.9e
0; Mismatches
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GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: LEX M. COWBERT

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTIGENSE MODULATION OF DUF

FILE REFERENCE: PTS-0009

CURRENT APPLICATION NUMBER: US/10/774,888

CURRENT FILING DATE: 2004-02-09

PRIOR APPLICATION NUMBER: US/10/199,221

PRIOR FILING DATE: 2002-07-18

UMMBER OF SEQ ID NOS: 101

SEQ ID NO 92

LENGTH: 20

TYPE: DNA

ORGANISM: H. Bapiens
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US-10-671-395-54
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US-10-774-888-92/c
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                                                                                                                       Sequence 54, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTIGENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2003-09-25
PRIOR FILING DATE: 2003-09-25
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Best Local Similarity 93.8%;
Matches 15; Conservative
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LENGTH: 20
                                                                               SOFTWARE: PatentIn version 3.2 SEQ ID NO 54
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Best Local Similarity 93.8%;
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FRIOR APPLICATION NUMBER: US/10/199,221
PRIOR FILING DATE: 2002-77-18
NUMBER OF SEQ ID NOS: 101
TYPE: DNA ORGANISM: artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1580
LENGTH: 20
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US-10-671-395-72
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                                                                                            ; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1580
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                     Best Loc
Matches
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 20
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                                                          Query Match
                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                           ORGANISM: artificial
                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                     0.3%; Score 14.4; DB 1; Length 20; Local Similarity 93.8%; Pred, No. 8.9e+02; hes 15; Conservative 0; Mismatches 1; Indels
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Pred. No. 8.9e+02;
0; Mismatches 1;
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Pred. No. 8.9e+02;
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RESULT 1126
US-09-802-320A-13/c
: Sequence 13, Application US/09802320A
; Patent No. US20020155446A1
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; OTHER INFORMATION: Synthetic Oligonucleotide US-10-619-739-1948
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US-10-671-395-1700/c
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TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1700
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/395,530
PRIOR FILING DATE: 2002-07-12
NUMBER OF SEQ ID NOS: 2068
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1948
                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Christians, Frederick C.
TITLE OF INVENTION: Synthetic Tag Genes
FILE REFERENCE: 3502.1
                                                                                        Query Match
Best Local
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Publication No. US20040132063A1
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Best Local Similarity
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CURRENT FILING DATE: 2003-07-14
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                                                                                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Human PGE2 antisense
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                             2704 AGTTTCTCAGGTGCTA 2719
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16 AGTGTCTCAGGTGCTA
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                                                                        15;
                                                                                            Similarity
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                                                                        Conservative
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                                                                                        0.3%; Score 14.4; DB 1; 93.8%; Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
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                                                                                                            DB 1;
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                                                                                                          Length 20;
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                                                                                                                                     APPLICANT: Rastelli, Luca
APPLICANT: MacDougall, John R
APPLICANT: MacDougall, John R
APPLICANT: Taupier, Raymond J
APPLICANT: Grosse, William M
APPLICANT: Grosse, William M
APPLICANT: Edward, Szekeres S
APPLICANT: Bedward, Szekeres S
APPLICANT: Later State 
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; ORGANISM: Homo sapiens
US-09-802-320A-13
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Best Local Similarity 83.3%;
Matches 15; Conservative
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SEQ ID NO 13
LENGTH: 21
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APPLICANT: Hudson, Thomas
TITLE OF INVENTION: Very Low Density Lipoprotein Receptor
TITLE OF INVENTION: Polymorphisms and Uses Therefor
FILE REFERENCE: 2825.2001-001
CURRENT APPLICATION NUMBER: US/09/802,320A
CURRENT FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: US/09/87787
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
ROMBER OF SEQ ID NOS: 22
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APPLICANT: Vohl, Marie-Claude
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                                   APPLICATION NUMBER: 60/201,006 FILING DATE: 2000-05-01 APPLICATION NUMBER: 60/201,007
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   FILING DATE:
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Fernandes, Elma R
Gerlach, Valerie
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Burgess, Catherine E
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Malyankar, Uriel M
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o. US20030083244A1
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2000-05-01
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Pred. No. 9.5e+02;
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PRIOR APPLICATION NUMBER: 60/251,015
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR FILING DATE: 2001-01-23
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOFTWARE: Patentin version 3.0
SEQ ID NO 354
LENGTH: 12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-12001-1
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OTHER INFORMATION: Description of Artificial Sequence:Ag770 Forward
OTHER INFORMATION: Primer
US-09-842-758-108
                                                                                                                                                                                                                                                                                                          US-10-005-956-354
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Best Local S
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Matches
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SEQ ID NO 108
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Best Local S
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TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NF
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
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PRIOR APPLICATION NUMBER: 60/265,160
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 113
                                                                                                                                                                                                                                                                                                                                           LENGTH: 21
TYPE: DNA
ORGANISM: homo mapiens
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APPLICATION NUMBER: 60/201,186
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                                                                         3164 CAGCCACGACCCCATG 3179
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6 CAGCCACGACCTCATG 21
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                                                                                                                                                                                            Similarity
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                                                                                                                                                           Conservative
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93.8%; Pred. No. 9.5e+02;
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                                                                                                                                                           Mismatches
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RESULT 1129 US-10-005-956-355 / Sequence 355, Application US/10005956 / Publication No. US20030113726A1

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RESULT 1131
US-10-005-956-357
; Sequence 357, Application US/10005956; Publication No. US20030113726A1; GENERAL INFORMATION:
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; ORGANISM: homo sapiens
US-10-005-956-356
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US-10-005-956-356
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; ORGANISM: homo sapiens
US-10-005-956-355
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CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR APPLICATION NUMBER: 60/273,037
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Publication No. US20030113726A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 93.8%;
Matches 15; Conservative
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SEQ ID NO 355
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TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: DO053NP
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
PRIOR FILING DATE: 2001-03-02
PRIOR FILING DATE: 2001-03-02
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
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93.8%; Pred. No. 9.
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Pred. No. 9.5e+02;
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RESULT 1133
US-10-002-623-435/c
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; ORGANISM: Homo Sapiens
US-10-002-623-305
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                                                                                                                                                                                                                                                                                             Sequence 435, Application US/10 Publication No. US20030134285A1 GENERAL INFORMATION:
APPLICANT: OFFNER, PETER J.
APPLICANT: UNDEXHILL, PETER A.
APPLICANT: UNDEXHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
TITLE OF INVENTION: POPULATIONS
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT APPLICATION NUMBER: US 60/245,355
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 952
SOFTWARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 435
LENGTH: 21
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 21
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PRÍOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
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CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
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APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
TITLE OF INVENTION: POPULATIONS
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0.3%; Score 14.4;
Local Similarity 93.8%; Pred. No. 9.
hes 15; Conservative 0; Mismatche
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93.8%; Pred. No. 9.5e+02;
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; ORGANISM: Homo Sapiens
US-10-002-623-435
                                                                                                             ; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-484
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US-10-002-623-484/c
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; ORGANISM: Homo Sapiens
US-10-002-623-469
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                                   Query Match 0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 484
LENGTH: 21
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Best Local Similarity 93.8%;
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APPLICANT: UNDERHILL, PETER A.

APPLICANT: UNDERHILL, PETER A.

TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

TITLE OF INVENTION: APPLICATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN

TITLE OF INVENTION: POPULATIONS

FILE REFERENCE: STAN-212

CURRENT FILING DATE: 2001-11-01

PRIOR APPLICATION NUMBER: US 60/245,355

PRIOR APPLICATION NUMBER: US 60/245,355

PRIOR PILING DATE: 2000-11-01
                                                                                                                                                                                                                                                                                                                                        APPLICANT: OEFNER, PETER J.
APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHAD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
TITLE OF INVENTION: POPULATIONS
                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
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2309 AACCATCATCCAAAAA 2324
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                                                      Score 14.4; DB 1;
Pred. No. 9.5e+02;
                                       Mismatches
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                                                                        Length 21;
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                                                      US-10-408-692-24
                                                                          RESULT 1138
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Sequence 24, Application US/10408692 Publication No. US20030232757A1 GENERAL INFORMATION:
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TYPE: DNA
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NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 192
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-192
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US-10-184-085A-192
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US-10-002-623-662/c
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APPLICANT: OBERNEK, PETER A.

APPLICANT: UNDERHILL, PETER A.

APPLICANT: UNDERHILL, PETER A.

TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

TITLE OF INVENTION: APPLICATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN

TITLE OF INVENTION: APPLICATION

FILE REFERENCE: STAN-212

CURRENT FILING DATE: 2001-11-01

PRIOR APPLICATION NUMBER: US 60/245,355

PRIOR APPLICATION NUMBER: US 60/245,355

PRIOR APPLICATION NUMBER: US 60/245,355

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 662

**TANCHILL OF THE PRIOR OF SEQ ID NOS: 952

SOFTWARE: FASTSEQ for Windows Version 4.0
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                                                                                            Query Match 0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity 93.8%;
Matches 15; Conservative
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APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1015
CURRENT APPLICATION UMMBER: US/10/184,085A
CURRENT FILLING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR PILLING DATE: 2001-66-27
                                              1225 ACCAGCAGCTCTCCCC 1240
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4 ACCAACAGCTCTCCCC 19
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Pred. No. 9.5e+02;
0; Mismatches 1
                                                                                                                        Score 14.4; DB 1; Pred. No. 9.5e+02;
                                                                                                 Mismatches
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APPLICANT: MacDougall, John R.
APPLICANT: Taupier, Raymond J.
APPLICANT: Grosse, William M.
APPLICANT: Szekeres, Edward S.
APPLICANT: Szekeres, Edward S.
APPLICANT: Alsobrook, John P.
APPLICANT: Alsobrook, John P.
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Li, Li
APPLICANT: Li, Li
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAMI
TITLE OF INVENTION: UNMEER: US/10/174,333
CURRENT APPLICATION NUMBER: 60/193,664
PRIOR APPLICATION NUMBER: 60/193,664
PRIOR APPLICATION NUMBER: 60/193,664
PRIOR APPLICATION NUMBER: 60/194,614
PRIOR FILING DATE: 2000-04-05
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US-10-174-333-108/c
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Best Local Similarity 93.8%;
Matches 15; Conservative 0
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LENGTH: 21
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PRIOR FILING DATE: 2000-05-03
PRIOR APPLICATION NUMBER: 60/172,240
PRIOR FILING DATE: 1999-05-04
NUMBER OF SEQ ID NOS: 34
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TITLE OF INVENTION: COLBOPTERAN-TOXIC POLYPEPTIDE COMPOSITIONS AND INSECT RESISTANT
TITLE OF INVENTION: TRANSGENIC PLANTS
FILE REFERENCE: 11792.0164.DVUS01 (MECO:164--1)
CURRENT APPLICATION NUMBER: US/10/408,692
CURRENT FILING DATE: 2003-04-07
CURRENT FILING DATE: 2003-04-07
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Zerhusen, bij...
Zerhusen, kimberly A.
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Baum, James A.
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Chu, Chih-Rei
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Tchernev, Velizar T.
Padigaru, Muralidhara
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Smithson, Glennda
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Zerhusen, Bryan D.
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Malyankar, Uriel M.
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5. US20040029220A1
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des, Elma R.
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NUMBER OF SEQ ID NOS: 186
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 108
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 15966-783 CIP1
CURRENT APPLICATION NUMBER: US/10/174,333
CURRENT FILING DATE: 2002-06-18
CURRENT APPLICATION NUMBER: 60/193,664
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APPLICANT:
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PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/219,855
PRIOR FILING DATE: 2000-07-21
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FILING DATE: 2000-04-06
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Taupier, Raymond J.
Grosse, William M.
Szekeres, Edward S.
Alsobrook, John P.
Anderson, David W.
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Gangolli, Esha A.
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Padigaru, Muralidhara
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                                                                                                                           Xiaojia (Sasha)
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Pred. No. 9.
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RESULT 1142
US-10-702-496-103
; Sequence 103, App
; Publication No. 1
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; ORGANISM: Homo sapiens
US-10-702-496-92
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APPLICANT: Wyeth
APPLICANT: Wi, Wei
APPLICANT: Wi, Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
TITLE OF INVENTION: KINASE
FILE REFERENCE: AM101071
CURRENT APPLICATION NUMBER: US/10/702,496
CURRENT FILING DATE: 2003-11-07
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 306
SOFTWARE: PatentIn version 3.2
SEQ ID NO 92
LENGTH: 21
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SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 184
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ORGANISM: Artificial Sequence
FEATURE:
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nes 12; Conserv
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APPLICATION NUMBER: 60/195,069
FILING DATE: 2000-04-06
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   Application US/10702496
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Pred. No. 9.5e+02;
0; Mismatches 1
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                                                                                                                                                                                                 .5e+02;
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RESULT 1144
US-10-702-496-256
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-103
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                                                              Sequence 256, Application US/10702496
Publication No. US20040121383A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: Wu, Leeying
APPLICANT: Mu, Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
TITLE OF INVENTION: KINASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Liu, wei
APPLICANT: Wu, Leeying
APPLICANT: Wu, Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING.
TITLE OF INVENTION: KINASE
TITLE OF INVENTIO
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Best Local S
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APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Wu, Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS
TITLE OF INVENTION: KINASE
FILE REFERENCE: AM101071
CURRENT APPLICATION NUMBER: US/10/702,496
CURRENT FILING DATE: 2003-11-07
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SOFTWARE: PatentIn version 3.2
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CURRENT FILING DATE: 2003-11-07
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Similarity 93.8%;
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Similarity 93.8%;
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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RESULT 1145
US-10-702-496-257
US-10-702-496-257, Application US/10702496; Publication No. US20040121383A1; GENERAL INFORMATION:
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US-10-786-720-3836
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; ORGANISM: Homo sapiens
US-10-702-496-256
                                             US-10-786-720-3836
                                                                    APPLICANT: Wyeth
APPLICANT: O'TOOLE, MATGOT
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNMEER: US/10/786,720
CURRENT APPLICANTION UNMEER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOCTWARE: PATENTIN VERSION 3.2
SEQ ID NO 3836
LENGTH: 21
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SEQ ID NO 257
LENGTH: 21
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Best Local Similarity
Matches 15; Conservat
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SOFTWARE: PatentIn version
SEQ ID NO 256
LENGTH: 21
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Best Local :
  Query Match
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APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: W1. Leeying
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
TITLE OF INVENTION: KINASE
FILE OF INVENTION: WINASE
FILE REFERENCE: AM101071
CURRENT APPLICATION NUMBER: US/10/702,496
CURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: 60/429,381
PRIOR APPLICATION NUMBER: 60/429,381
PRIOR PRIOR DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
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                                                               TYPE: RNA ORGANISM: RNAi-sense strand
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  0.3%;
  Score 14.4;
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Length 21;
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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4544
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-4544
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US-10-786-720-15038/c
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LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-5276
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; Sequence 15038, Application US/10786720 ; Publication No. US20040191818A1 ; GENERAL INFORMATION:
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US-10-786-720-5276
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-033000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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Best Local Similarity
Matches 13; Conserv
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Matches 13; Conservative
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Best Local Similarity 81.2%;
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
COERTANDE SECOLIT 100510-1
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81.2%; Pred. No. 9
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Pred. No. 9.5e+02;
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2; Mismatches 1
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US-10-786-720-16076/c
Sequence 16076, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
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, Sequence 15389, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                            RESULT 1151
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TYPE; RNA
; ORGANISM; RNAi-sense strand
US-10-786-720-15038
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APPLICANT: Ó'Toole, Mei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 15038
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.2 SEQ ID NO 15389 LENGTH: 21
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Best Local
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SEQ ID NO 16076
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                APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REPERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
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APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILLING DATE: 2004-02-26
CURRENT FILLING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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ilarity 93.8%;
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOF
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
INUMBER OF SEQ ID NOS: 21135
SOSTWARE: PATEBRENCE: 21135
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US-08-424-550B-708
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APPLICANT: TAMI J. PILOT-MATIAS
APPLICANT: GEORGE J. DAWSON
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUIJK
APPLICANT: SHERI L. BUIJK
APPLICANT: ISA K. MUSHAHWAR
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 716
CONDERGEORNIPONIC REFORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: RNA1-sense strand
US-10-786-720-16427
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Matches
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TYPE: RNA
                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
STREET: 100 ABBOTT PARK ROAD
CURRENT APPLICATION DATA:
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hes 15; Conserv
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STATE: IL
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Local Similarity 93.8%;
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Pred. No. 9.5e+02;
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                                       Version #1.25
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RESULT 1155
US-09-931-836-24
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US-09-839-479-20
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US-09-839-479-20/c
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PRIOR FILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: PCT/JP98/01783
PRIOR FILING DATE: 1998-04-17
PRIOR PLICATION NUMBER: JP:9/310027
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: JP:9/116570
PRIOR APPLICATION NUMBER: JP:9/116570
PRIOR PILING DATE: 1997-04-18
                                                 Sequence 24, Application US/09931836 Publication No. US20030027249A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                              SEQ
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Best Local Similarity
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Best Local
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SEQ ID NO 20
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/839,479
CURRENT FILING DATE: 2001-04-20
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                        FEATURE:
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REFERENCE/DOCKET NUMBER: 5527.PC.01
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EDNESS: single
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CURRENT FILING DATE: 2001-08-16
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FILING DATE: 1998-12-22
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FILING DATE: 1999-08-25
APPLICATION NUMBER: 09/644848
FILING DATE: 2000-08-22
                                     APPLICATION NUMBER: 09/311832
FILING DATE: 1999-05-14
APPLICATION NUMBER: 09/380142
FILING DATE: 1999-08-25
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FILING DATE: 1999-07-20
APPLICATION NUMBER: 60/146970
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FILING DATE: 1999-05-04
APPLICATION NUMBER: 60/132383
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APPLICATION NUMBER: 60/113621
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APPLICATION NUMBER: 60/135750
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FILING DATE: 1999-04-21
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RESULT 1156
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US-09-931-836-24
                                                                   Sequence 24, Application US/10036342 Publication No. US20020090681A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
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              APPLICANT:
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                                          APPLICANT: Desnoyers, Luc APPLICANT: Eaton, Dan L.
  APPLICANT:
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APPLICATION NUMBER: PCT/US01/19692
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15; Conserv
Godowski, Paul J. Gurney, Austin L.
             Goddard, Audrey
Godowski, Paul
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NUMBER: PCT/US00/23328
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NUMBER: PCT/US00/14042
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WMBER: PCT/US00/34956
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APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRA
TITLE OF INVENTION: ACIDS ENCODING THE SAME
TITLE OF INVENTION: ACIDS ENCODING THE SAME
TITLE OF INVENTION: NOTICE ENCODING THE SAME
TILE REFERENCE: P3030R1C5
CURRENT EILING DATE: 2001-12-26
CURRENT EILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR APPLICATION NUMBER: 60/12514
PRIOR APPLICATION NUMBER: 60/12514
PRIOR APPLICATION NUMBER: 60/12514
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FILING DATE: 1999-01-12
APPLICATION NUMBER: 60/116843
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APPLICATION NUMBER: 60/129122
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APPLICATION NUMBER: 60/130359
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FILING DATE: 1998-12-23
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APPLICATION 1
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APPLICATION NUMBER: 60/127706
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NUMBER: 09/747259
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RESULT 1157
US-10-036-041-24
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Best Local S
Matches 15
                                                                                                               Sequence 24, Application US/10036041
Publication No. US20020192751A1
GENERAL INFORMATION:
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SEQ ID NO 24
                                                                                 APPLICANT: Desnoyers, Luc APPLICANT: Eaton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: PCT/US01/06520
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FILING DATE: 2000-08-23
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APPLICATION NUMBER: PCT/US00/15264
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APPLICATION NUMBER: PCT/US00/34956
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15; Conserv
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                                                                Eaton, Dan L.
Goddard, Audrey
Stewart, Timothy A.
                                 Gurney, Austin L.
                                                  Godowski, Paul
                 Pan,James
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Pred. No. 1e+03;
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PRIOR FILING DATE: 1998-05-15
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APPLICATION NUMBER: 60/130359
FILING DATE: 1999-04-21
APPLICATION NUMBER: 60/131270
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FILING DATE: 1998-12-23
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APPLICATION NUMBER: 09/747259
FILING DATE: 2000-12-20
APPLICATION NUMBER: 09/816744
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FILING DATE: 1999-08-25
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APPLICATION NUMBER:
FILING DATE: 1999-09
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                                                                                  APPLICATION NUMBER: 09/644848
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APPLICATION NUMBER: 60/162506
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APPLICATION NUMBER: 60/146970
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Best Local Similarity
Thes 15; Conserv
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-041-24
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US-10-035-855-24
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Publication No.
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SEQ ID NO 24
                                                                                                                                                 GENERAL
                                                                 APPLICANT:
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PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
                                                                                                                 APPLICANT: Desnoyers, Luc APPLICANT: Eaton, Dan L.
                                                                                                 APPLICANT:
                                APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 2000-03-02
APPLICATION NUMBER: PCT/US00/14042
FILING DATE: 2000-05-22
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APPLICATION NUMBER: PCT/US00/23522
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FILING DATE: 1999-12-02
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CATION NUMBER: PCT/US01/21066
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Stewart, Timothy A. Watanabe, Colin K. Wood, William I.
                                                               Godowski, Paul J. Gurney, Austin L.
                                                                                                                                                               Application US/10035855
No. US20030008348A1
                                                 Pan,James
                                                                                                 Goddard, Audrey
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Pred. No. 1e+03;
0; Mismatches
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CURRENT APPLICATION NUMBER: US/10/035,855
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
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DR FILING DATE: 2000-08-22

DR APPLICATION NUMBER: 09/747259

DR FILING DATE: 2000-12-20

DR APPLICATION NUMBER: 09/816744

DR FILING DATE: 2001-03-22

DR FILING DATE: 2001-05-10

DR FILING DATE: 2001-05-10

DR APPLICATION NUMBER: 09/854280

DR FILING DATE: 2001-05-10
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DR APPLICATION NUMBER: 60/138166

DR FILING DATE: 1999-06-08

DR APPLICATION NUMBER: 60/144791

DR FILING DATE: 1999-07-20

DR PPLICATION NUMBER: 60/146970

DR FILING DATE: 1999-08-03

DR FILING DATE: 1999-08-03

DR PPLICATION NUMBER: 60/162506
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APPLICATION NUMBER: 60/125826
FILING DATE: 1999-03-24
APPLICATION NUMBER: 60/127035
FILING DATE: 1999-03-31
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APPLICATION NUMBER: 60/113605
FILING DATE: 1998-12-23
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FILING DATE: 1998-12-15
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FILING DATE: 1999-05-04
APPLICATION NUMBER: 60/132383
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APPLICATION NUMBER: 60/131270
FILING DATE: 1999-04-27
APPLICATION NUMBER: 60/131272
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APPLICATION NUMBER: 60/125778
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APPLICATION NUMBER: 09/311832
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APPLICATION NUMBER: 60/131291
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FILING DATE: 1999-04-05
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RESULT 1159
US-10-036-214-24
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; OGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic of US-10-035-855-24
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PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
                                                                                                                                                                  Sequence 24, Applica Publication No. US20 GENERAL INFORMATION:
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Best Local
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APPLICATION NUMBER: PCT/US00/05841
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APPLICATION NUMBER: PCT/US01/06520
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l Similarity 93.8%;
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INVENTION: SEC
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                           Stewart, Timothy A. Watanabe, Colin K. Wood, William I.
                                                                                       Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
                                                                           Pan, James
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b. US20030032061A1
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2001-06-29
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SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
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PRIOR CURRENT FILING DATE: CURRENT APPLICATION NUMBER: US/10/036,214 TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3030R1C11 FILING DATE: 1999-05-14
APPLICATION NUMBER: 09/380142
FILING DATE: 1999-08-25
APPLICATION NUMBER: 09/644848
FILING DATE: 2000-08-22 APPLICATION NUMBER: 09/747259 FILING DATE: 2000-12-20 APPLICATION NUMBER: 09/816744 APPLICATION NUMBER: 60/138166
FILING DATE: 199-06-08
APPLICATION NUMBER: 60/144791
FILING DATE: 1999-07-20 APPLICATION NUMBER: 60/113300 APPLICATION NUMBER: 60/112514 APPLICATION NUMBER: FILING DATE: 1999-10-29 APPLICATION NUMBER: 09/311832 APPLICATION NUMBER: 60/132371 FILING DATE: 1999-05-04 APPLICATION NUMBER: 60/132379 FILING DATE: 1999-04 APPLICATION NUMBER: FILING DATE: 1999-04 FILING DATE: 2001-05-10 APPLICATION NUMBER: 09/854280 FILING DATE: 1999-08-03 APPLICATION NUMBER: 60/162506 APPLICATION NUMBER: 60/146970 APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1999-09 APPLICATION NUMBER: APPLICATION NUMBER: 60/131270 APPLICATION NUMBER: 60/130359 FILING DATE: FILING DATE: APPLICATION NUMBER: 60/127706 APPLICATION NUMBER: 60/127035 FILING DATE: 1999-03-31 FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: 60/125778 APPLICATION NUMBER: 60/125774 FILING DATE: 1999-03-23 FILING DATE: APPLICATION NUMBER: 60/116843 FILING DATE: APPLICATION NUMBER: 60/114140 APPLICATION NUMBER: 60/113605 APPLICATION NUMBER: 60/113430 FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: 60/113621 LING DATE: 1998-12-23 LING DATE: LING DATE: LING DATE: 1999-05-25 1999-05-04 1999-04-2 1999-04-05 1999-01-22 1999-01-12 1998-12-2 1998-12-23 1998-12-1998-05-1999-05-04 1999-04-27 1999-04-27 1999-04-13 1999-03-24 1999-03-23 1998-12-1999-04-27 2001-12-2 09/854208 60/135750 60/132383 60/131291 60/131272 60/129122 60/115552 60/085579 60/125826

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PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
                                                                                                                                                                                                          Sequence 24, Application US/10035719
Publication No. US20030036114A1
GENERAL INFORMATION:
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APPLICANT: Eaton, Dan L.
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OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC OF INVENTION: ACIDS ENCODING THE SAME REFERENCE: P3030R1C2
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APPLICATION NUMBER: PCT/US01/21066
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APPLICATION NUMBER: PCT/US00/32678
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                                                               Watanabe, Colin K. Wood, William I.
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Stewart, Timothy A.
                                                                                                                             Godowski, Paul J. Gurney, Austin L.
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Pred. No. 16
                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
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CURRENT APPLICATION NUMBER: US/10/035,719
CURRENT FILING DATE: 2001-12-26
ERIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR APPLICATION NUMBER: 60/113300
PRIOR APPLICATION NUMBER: 60/113300 PRIOR FILING DATE: 1998-12-22 OR APPLICATION NUMBER: 60/114140
OR APPLICATION NUMBER: 60/11552
OR APPLICATION NUMBER: 60/11552
OR APPLICATION NUMBER: 60/11552
OR FILING DATE: 1999-01-12
OR APPLICATION NUMBER: 60/11643
OR FILING DATE: 1999-01-22
OR APPLICATION NUMBER: 60/125774
OR FILING DATE: 1999-03-23
OR FILING DATE: 1999-03-23
OR APPLICATION NUMBER: 60/12578
OR APPLICATION NUMBER: 60/125826
OR APPLICATION NUMBER: 60/127035
OR APPLICATION NUMBER: 60/127035
OR FILING DATE: 1999-03-31
OR APPLICATION NUMBER: 60/12706
OR FILING DATE: 1999-04-05
OR APPLICATION NUMBER: 60/130359
OR APPLICATION NUMBER: 60/130359
OR APPLICATION NUMBER: 60/130359
OR FILING DATE: 1999-04-02
OR FILING DATE: 1999-04-05
OR APPLICATION NUMBER: 60/130359
OR FILING DATE: 1999-04-02
OR FILING DATE: 1999-04-02
OR FILING DATE: 1999-04-03
OR APPLICATION NUMBER: 60/130359
OR FILING DATE: 1999-04-02 DR APPLICATION NUMBER: 60/131270
DR FILLING DATE: 1999-04-27
DR APPLICATION NUMBER: 60/131272
DR FILLING DATE: 1999-04-27
DR APPLICATION NUMBER: 60/131291
DR FILLING DATE: 1999-04-27
DR APPLICATION NUMBER: 60/132371
DR FILLING DATE: 1999-05-04
DR APPLICATION NUMBER: 60/132379
DR APPLICATION NUMBER: 60/132379 R FILING DATE:
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R FILING DATE:
R APPLICATION N FILING DATE: 1999-10-29
APPLICATION NUMBER: 09/311832
FILING DATE: 1999-05-14
APPLICATION NUMBER: 09/380142
FILING DATE: 1999-08-25 FILING DATE: 2001-03-22
APPLICATION NUMBER: 09/854208
FILING DATE: 2001-05-10
APPLICATION NUMBER: 09/854280 APPLICATION NUMBER: 60/146970 FILING DATE: 1999-08-03 APPLICATION NUMBER: 60/162506 APPLICATION NUMBER: 60/135750 FILING DATE: 1999-05-25 APPLICATION NUMBER: 60/138166 FILING DATE: 1999-06-08 APPLICATION NUMBER: 60/113430 FILING DATE: 1998-12-23 APPLICATION APPLICATION NUMBER: 09/644848 FILING DATE: 2000-08-22 FILING DATE: 1999-05-04 APPLICATION NUMBER: 60/132383 FILING DATE: 1999-05-04 FILING DATE: 1998-12-23
APPLICATION NUMBER: 60/113621 APPLICATION NUMBER: 60/113605 APPLICATION NUMBER: 09/747259 FILING DATE: APPLICATION NUMBER: 60/144791 NUMBER: 09/816744 NUMBER: 09/874503 1999-07-20 2001-05-10

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RESULT 1161
US-10-036-160-24
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APPLICANT:
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SEQ ID NO 24
LENGTH: 22
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local
                             APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C3
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CURRENT APPLICATION NUMBER: US/10/036,160
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                                                                                                                                                                         Eaton, Dan L.
Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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NUMBER: PCT/US00/34956
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93.8%;
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APPLICATION NUMBER: 60/113605
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FILING DATE: 1998-05-15
APPLICATION NUMBER: 60/112514
              FILING DATE: 2001-05-10
APPLICATION NUMBER: 09/874503
FILING DATE: 2001-06-05
APPLICATION NUMBER: 09/869599
FILING DATE: 2001-06-29
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APPLICATION NUMBER: 09/747259
FILING DATE: 2000-12-20
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APPLICATION NUMBER: 60/146970
FILING DATE: 1999-08-03
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APPLICATION NUMBER: 60/138166
FILING DATE: 1999-06-08
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APPLICATION NUMBER: 60/132371
FILING DATE: 1999-05-04
APPLICATION NUMBER: 60/132379
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FILING DATE: 1999-04-27
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FILING DATE: 1999-01-12
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FILING DATE: 1998-12-23
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FILING DATE: 2001-05-10
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FILING DATE: 2001-03-22
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APPLICATION NUMBER: 09/644848
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APPLICATION NUMBER: 09/380142
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Best Local Similarity
Matches 15; Conserv:
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   APPLICANT: Desnoyers, Luc; APPLICANT: Eaton, Dan L.; APPLICANT: Goddard, Audrey; APPLICANT: Goddard, Audrey;
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PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
                                                                          APPLICANT: Wood, William I.

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C7
FILE REFERENCE: P3030R1C7
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CURRENT APPLICATION NUMBER: US/10/035,958
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
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APPLICATION NUMBER:
FILING DATE: 2000-12
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APPLICATION NUMBER: PCT/US01/06520
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APPLICATION NUMBER: PCT/US00/05841
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Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                                                  Stewart, Timothy A. Watanabe, Colin K. Wood, William I.
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OR APPLICATION NUMBER: 60/132379
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OR APPLICATION NUMBER: 60/135750
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OR FILING DATE: 1999-05-25
OR APPLICATION NUMBER: 60/138166
OR FILING DATE: 1999-05-08
OR APPLICATION NUMBER: 60/144791
OR APPLICATION NUMBER: 60/146970
OR APPLICATION NUMBER: 60/146970
OR FILING DATE: 1999-08-03
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OR APPLICATION NUMBER: 60/130359
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DR APPLICATION NUMBER: 09/644848
DR FILING DATE: 2000-08-22
DR APPLICATION NUMBER: 09/747259
DR FILING DATE: 2000-12-20
DR APPLICATION NUMBER: 09/816744
DR FILING DATE: 2001-03-22
DR APPLICATION NUMBER: 09/854208
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DR APPLICATION NUMBER: 60/116843

DR FILING DATE: 1999-01-22

DR APPLICATION NUMBER: 60/125774

DR FILING DATE: 1999-03-23

DR APPLICATION NUMBER: 60/125778

DR APPLICATION NUMBER: 60/12578

DR APPLICATION NUMBER: 60/125826

DR FILING DATE: 1999-03-24

DR FILING DATE: 1999-03-24
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FILING DATE: 1999-05-14
APPLICATION NUMBER: 09/380142
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FILING DATE: 1999-04-27
APPLICATION NUMBER: 60/132371
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APPLICATION NUMBER: 60,
FILING DATE: 1998-12-2:
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                      E: 2001-06-05
N NUMBER: 09/869599
E: 2001-06-29
N NUMBER: 09/908,827
E: 2001-07-18
  NUMBER: PCT/US99/10733
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-035-958-24
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US-10-036-150-24
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Matches 15
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APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audre
APPLICANT: Goddard, Audre
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Publication No.
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CURRENT APPLICATION NUMBER: US/10/036,150
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
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                                                                                                          TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3030R1C9
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FILING DATE: 2001-07-09
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APPLICATION NUMBER: PCT/US01/17800
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APPLICATION NUMBER: PCT/US01/06520
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FILING DATE: 2000-06-02
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APPLICATION NUMBER: PCT/US00/14042
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APPLICATION NUMBER: PCT/US99/28551
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30720
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APPLICATION NUMBER: PCT/US00/34956
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APPLICATION NUMBER: PCT/US00/32678
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Gurney, Austin L.
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NUMBER: PCT/US01/19692
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OR FILING DATE: 1999-05-14
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OR APPLICATION NUMBER: 09/854280
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OR APPLICATION NUMBER: 09/874503
OR APPLICATION NUMBER: 09/874503
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OR APPLICATION NUMBER: 09/86559
OR APPLICATION NUMBER: 09/908,827
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FILING DATE: 1999-05-25
APPLICATION NUMBER: 60/138166
FILING DATE: 1999-06-08
APPLICATION NUMBER: 60/144791
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FILING DATE: 2000-08-22
APPLICATION NUMBER: 09/747259
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FILING DATE: 1999-03-23
APPLICATION NUMBER: 60/125778
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APPLICATION NUMBER: 60/113430
FILING DATE: 1998-12-23
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FILING DATE: 1999-05-04
APPLICATION NUMBER: 60/132383
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FILING DATE: 1999-04-27
APPLICATION NUMBER: 60/132371
FILING DATE: 1999-05-04
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APPLICATION NUMBER: 60/131270
FILING DATE: 1999-04-27
APPLICATION NUMBER: 60/131272
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APPLICATION NUMBER: 60/116843
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APPLICATION NUMBER: 09/816744
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FILING DATE: 1999-04-05
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                  NUMBER: PCT/US99/10733: 1999-05-14
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RESULT 1164
US-10-036-063-24
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Best Local Similarity
Matches 15; Conserv
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PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
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                                                                                                                      APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES
TITLE OF INVENTION: SECRETED ENCODING THE SAME
FILE REFERENCE: P3030R1C6
CURRENT APPLICATION NUMBER: US/10/036,063
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
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APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audro
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
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APPLICATION NUMBER: PCT/US01/19692
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APPLICATION NUMBER: PCT/US00/23328
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Gurney, Austin L.
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NUMBER: PCT/US00/05601
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R APPLICATION NUMBER: 09/444848
DR FILING DATE: 2000-08-22
PR APPLICATION NUMBER: 09/747259
DR FILING DATE: 2000-12-20
DR FILING DATE: 2000-12-20
DR FILING DATE: 2001-03-22
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APPLICATION NUMBER: 60/144791
FILING DATE: 1999-07-20
APPLICATION NUMBER: 60/146970
FILING DATE: 1999-08-03
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APPLICATION NUMBER: 09/908,827
FILING DATE: 2001-07-18
APPLICATION NUMBER: PCT/US99/10733
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FILING DATE: 1999-10-29
APPLICATION NUMBER: 09/311832
FILING DATE: 1999-05-14
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APPLICATION NUMBER: 60/131272
FILING DATE: 1999-04-27
APPLICATION NUMBER: 60/131291
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FILING DATE: 1999-04-21
APPLICATION NUMBER: 60/131270
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APPLICATION NUMBER: 60/125826
FILING DATE: 1999-03-24
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FILING DATE: 1998-12-23
APPLICATION NUMBER: 60/114140
FILING DATE: 1999-05-14
APPLICATION NUMBER: PCT/US99/28551
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30720
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APPLICATION NUMBER: 09/869599
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APPLICATION NUMBER: 60/125778
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US-10-296-995-88
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                                                                                                                   ; LENGTH: 22
; TYPE: DNA
; ORGANISM: human P450 CYP17 gene
US-10-296-995-88
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                                                        Query Match
Best Local S
Matches 15
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APPLICANT: Otsuka Pharmaceutical Factory In
TITLE OF INVENTION: A method for detecting
TITLE OF INVENTION: and a kit therefor
FILE REFERENCE: P01-38
CURRENT APPLICATION UMBER: US/10/296,995
CURRENT FILING DATE: 2002-12-02
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Publication No.
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LENGTH: 22
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Best Local Similarity
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PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
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PRIOR APPLICATION NUMBER: 2000-164214
PRIOR FILING DATE: 2000-66-01
NUMBER OF SEQ ID NOS: 105
SOFTWARE: Patentin Ver. 2.0
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FILING DATE: 2001-06-20
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Publication No.
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PRIOR
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PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
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CURRENT FILING DATE: 2001-12-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: P3030R1C10
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APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audre
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FILING DATE: 1999-06-08
APPLICATION NUMBER: 60/144791
FILING DATE: 1999-07-20
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FILING DATE: 1999-05-04
APPLICATION NUMBER: 60/135750
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APPLICATION NUMBER: 60/132371
FILING DATE: 1999-05-04
APPLICATION NUMBER: 60/132379
FILING DATE: 1999-05-04
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APPLICATION NUMBER: 60/131291
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APPLICATION NUMBER: 60/131272
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FILING DATE: 1999-04-21
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APPLICATION NUMBER: 60/115552
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FILING DATE: 1998-12-23
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Wood, William I.
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                                                      Query Match
Best Local Similarity
Matches 15; Conserv
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PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                  AGCTCTGCTTCCTTGG 5105
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                                                                            Score 14.4; DB 1;
Pred. No. 1e+03;
                                                                 Mismatches
                                                                                           Length 22;
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PRIOR APPLICATION NUMBER: US 60/410,815
PRIOR FILING DATE: 2002-09-16
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 35
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-313-963A-35/c
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                                                                                                                               ; OTHER INFORMATION: Primer US-10-313-963A-35
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SEQ ID NO 20
LENGTH: 22
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                                                                  Matches
                                                                              Query Match
Best Local Similarity
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Best Local (
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APPLICANT:
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PRIOR APPLICATION NUMBER: JP 9/116570
PRIOR FILING DATE: 1997-04-18
NUMBER OF SEQ ID NOS: 73
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CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US/09/418,710
PRIOR FILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: PCT/JP98/01783
PRIOR FILING DATE: 1998-04-17
PRIOR APPLICATION NUMBER: JP 9/310027
                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/335,806
PRIOR FILING DATE: 2001-12-05
                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/313,963A CURRENT FILING DATE: 2003-06-19
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ORGANISM: Artificial Sequence
FEATURE:
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RESULT 1169
US-10-702-148-20/c
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                                                                                                                                  NUMBER OF SEQ ID NOS: 184
SOFTWARE: PatentIn version 3.1
SEQ ID NO 132
LENGTH: 32
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LENGTH: 22
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                                                                                                                                                                                                                           APPLICANT: Schneider, Eberhard
APPLICANT: Windhab, No. US20030175702Albert
TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using
TITLE OF INVENTION: Binding Systems
FILE REFERENCE: 64/217 Nanogen Recognomics
CURRENT APPLICATION NUMBER: US/09/910,489
CURRENT FILING DATE: 2001-07-19
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FILE REFERENCE: 06501-042002
CURRENT APPLICATION NUMBER: US/10/702,148
CURRENT FILING DATE: 2003-11-05
PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/839,479
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: US 09/418,710
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PRIOR FILING DATE: 1998-04-17
PRIOR APPLICATION NUMBER: JP 9/310027
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PRIOR APPLICATION NUMBER: JP 9/116570
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                   FEATURE:

OTHER INFORMATION: Test nucleic acid sequence

NAME/KEY: modified base

LOCATION: (1)...(1)
                                                                                                   TYPE: DNA
ORGANISM: Artificial sequence
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OTHER INFORMATION: Cy5 dye
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Bruecher, Christoph
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o. US20030175702A1
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RESULT 1172
US-09-910-469-162/c
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                                   APPLICANT: Orwick, Jill
APPLICANT: Pignot, Marc
APPLICANT: Raddatz, Stefan
APPLICANT: Schneider, Eberhard
APPLICANT: Windhab, No. US20030175702Albert
TITLE OF INVENTION: Sorting and Immobilization Sy.
TITLE OF INVENTION: Binding Systems
FILE REFERENCE: 264/217 Nanogen Recognomics
CURRENT APPLICATION UNMERR: US/09/910,469
CURRENT FILING DATE: 2001-07-19
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                                                                                                                                                                                                                                                                                                                                         Sequence 162, A Publication No.
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LENGTH: 32
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NUMBER OF SEQ ID NOS: 184
SOFTWARE: PatentIn version 3.1
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APPLICANT: Windhab, No. US20030175702Albert
TITLE OF INVENTION: Sorting and Immobilization
TITLE OF INVENTION: Binding Systems
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Mueller, Jochen
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Bruecher, Christoph
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Orwick, Jill
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Bruecher, Christoph
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o. US20030175702A1
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5. US20030175702A1
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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                                                                                                         System for Nucleic Acids Using
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Bugueleret, Lydie
TITLE OF INVENTION: Prostate Cancer Gene
FILE REFERENCE: GEN-TIllXCAP
CURRENT APPLICATION NUMBER: US/09/901,484A
CURRENT FILING DATE: 2001-07-09
PRIOR APPLICATION NUMBER: US 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR FILING DATE: 1998-09-09
PRIOR FILING DATE: 1998-09-09
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: US 09/218,207
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR APPLICATION NUMBER: US 09/338,907
PRIOR FILING DATE: 1999-06-23
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Best Local Similarity
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SEQ ID NO 4
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                                                                                                                                                                                                                                                                                                                                                       Patent No. US20020119460A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2001-04-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: PCR primer
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PPLICANT: Pfefferle, Walter
ITLE OF INVENTION: New Nucleotide Sequences Which Code for the menE Gene
ILE REFERENCE: 21123/280112
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APPLICATION NUMBER: US 09/853,526 FILING DATE: 2001-05-11
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                                                                                                                                                                                                                                                                                                                                                                         Application US/09901484A
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Pred. No. 8.9e+02;
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Pred. No. 1.5e+03;
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; FEATURE:
, NAME/KEY: misc feature
; LOCATION: (1)...(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-901-484A-435
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                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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SEQ ID NO 2206
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                                                                                                                                                       APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
CURRENT FILING DATE: 09/338,907
PRIOR PPLICATION NUMBER: 09/338,907
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR FILING DATE: 1997-12-22
                                                                                                                APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET 18CP1CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Meth
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
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Ilya, Chumakov
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
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APPLICATION NUMBER: 60/099,658 FILING DATE: 1998-09-09

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US-09-825-155-5/c
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US-09-853-526-435
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
                                                                                                                        GENERAL INFORMATION:

APPLICANT: Altaba, Ariel Ruizi
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA
FILE REFERENCE: 1049-1-008N
CURRENT APPLICATION NUMBER: US/09/825,155
CURRENT APPLICATION NUMBER: US/09/825,155
CURRENT APPLICATION NUMBER: 09/102,491
PRIOR APPLICATION NUMBER: 09/102,491
PRIOR FILING DATE: 1998-06-22
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Publication No. US20030100032A1
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Best Local Similarity 84.2%;
Matches 16; Conservative
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NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 435
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TITLE OF INVENTION: METHOD FOR DETERMINING ALLELES
FILE REFERENCE: 034928/0112
CURRENT APPLICATION NUMBER: US/09/943,416A
CURRENT FILING DATE: 2001-08-30
                                                                         PRIOR APPLICATION NUMBER: 60/050,286
PRIOR FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 9
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EQ ID NO 10
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PRIOR FILING DATE: 2000-08-30
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                                                           SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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NAME/KEY: misc_feature
LOCATION: 1..19
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ORGANISM: Homo Sapiens
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                                                       PatentIn Ver.
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vo. US20030082549A1
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Pred. No. 8.9e
0; Mismatches
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RESULT 1180
US-10-219-616-15/c
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US-10-032-242A-5/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapien
                                                                                              NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, Application US/10219616 Publication No. US20030099937A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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CURRENT APPLICATION NUMBER: US/10/032,242A
CURRENT FILING DATE: 2002-03-29
                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/312,443 PRIOR FILING DATE: 2001-08-15
                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/219,616
CURRENT FILING DATE: 2002-08-15
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TITLE OF INVENTION: Methods and Reagents For Detecting Increased Risk Of Developing
TITLE OF INVENTION: Inflammatory Disorder
                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/373,364
PRIOR FILING DATE: 2002-04-16
                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/338,523 PRIOR FILING DATE: 2001-11-05
                                                                                                                                                                                                                                                                                                                 APPLICANT: Law, Simon W.
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
FILE REFERENCE: 12251-017001
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OTHER INFORMATION: Synthetically generated oligonucleotide
                    ORGANISM: Artificial Sequence FEATURE:
                                                           TYPE: DNA
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02
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GENERAL INFORMATION:
APPLICANT: Heiskala, Marja
TITLE OF INVENTION: REG-LIKE PROTEIN
FILE REFERENCE: CDS-261
CURRENT APPLICATION NUMBER: US/10/100,608B
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: 60/276,414
PRIOR FILING DATE: 2002-03-16
NUMBER OF SEQ ID NOS: 45
RESULT 1183
US-10-224-005-19
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Best Local Similarity
Matches 16; Conservat
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Matches
                                                                                                                           Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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Publication No.
                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0 SEQ ID NO 98
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                        TYPE: DNA ORGANISM: homo sapiens -10-005-956-98
                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/273,037
PRIOR FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 1579
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: primer
                                                                                                                                                                                                                                        LENGTH: 19
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                                                                                             2564 GGTGTGTCAGTCTTATGGC 2582
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16; Conservative
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                                                               GCTGTGTCAGTCTCATGCC 1
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Pred. No. 8.9e
0; Mismatches
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Pred. No. 8.9e+02
                                                                                                                                        8.9e+02;
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US-10-080-381B-32

Application US/10080381B vo. US20030148421A1

Sequence 32, Applicate Publication No. US20 GENERAL INFORMATION: APPLICANT: NEWGARD,

CHRISTIPHER B.
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                                                                                                                                                                                                                                                                                APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwygen, James
APPLICANT: McSwygen, James
APPLICANT: Fosnaugh, Kathy
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine Al Receptor (Artifle OF INVENTION: Cene Expression Using Short Interfering RNA
FILE REFERENCE: 900/041 (MBHB01-1110-A)
CURRENT APPLICATION NUMBER: US/10/224,005
CURRENT FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 347
SOFTWARE: PatentIn version 3.0
SEQ ID NO 180
LENGTH: 19
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, James

APPLICANT: Fosnaugh, Kathy

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine Al Receptor

TITLE OF INVENTION: Gene Expression Using Short Interfering RNA

FILE REFERENCE: 900/041 (MBHB01-1110-A)

CURRENT APPLICATION NUMBER: US/10/224,005

CURRENT APPLICATION NUMBER: US/80/315,315

PRIOR APPLICATION NUMBER: US 60/315,315

PRIOR FILING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 180, Application No. US200 GENERAL INFORMATION:
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SEQ ID NO 19
LENGTH: 19
TYPE: RNA
                                                                                          Matches
                                                                                                            Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local
                                                                                                                                                                             FEATURE: OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
                                                                                                                                                                                                                                           TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
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                                           3395 GACACCTCCCGGCCAGCCG 3413
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19 GACCCCTGCCGGCCAGCAG 1
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o. US20030143732A1
                                                                                       Conservative
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                                                                                                              Score 14.2; DB 1
Pred. No. 8.9e+02
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Pred. No. 8.9e+02;
                                                                                          Mismatches
                                                                                                                                     DB 1;
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Best Local Similarity
Watches 16; Conserve
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US-10-127-890-92/c
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Publication No. US2003
GENERAL INFORMATION:
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PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/270,251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/291,354 PRIOR FILING DATE: 2001-05-15
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH: 19
                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/127,890
FILING DATE: 23-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Better, Marc D.
Carroll, Stephen F.
Studnika, Gary M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OF INVENTION: GENE PRODUCTS THAT REGULATE GLUCOSE RESPONSE IN CELLS
                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1908 CACTCCCTGCAAGAAATCA 1926
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                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/646,360 FILING DATE: 13-MAY-1996 APPLICATION NUMBER: PCT/US94/05348 FILING DATE: 12-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Chicago
STATE: Illinois
                                                                         FILING DATE: 19-JUN-1992
APPLICATION NUMBER: US 07/787,567
                                                                                                                                    APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
NAME: MCNicholas, Janet M.
REGISTRATION NUMBER: 32,918
                                                           FILING DATE: 04-NOV-1991
                                                                                                                   APPLICATION NUMBER: US 07/901,707
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 60661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/10127890
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Pred. No. 8.9e
0; Mismatches
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                                                           US-10-251-117-368/c
                                                                            RESULT 1188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
GENERAL INFORMATION:
                Sequence 368, Application US/10251117 Publication No. US20030170891A1
                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 119
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Best Local
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 1213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2001-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/393,924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                         Local
                                                                                                                                                                               2868 CTGAAGCCCATTATCTCTG 2886
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                                                                                                                                                                                                                      l Similarity
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                   Score 14.2; DB 1;
Pred. No. 8.9e+02;
5; Mismatches 3
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Pred. No. 8.9e+02;
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                                                                                                                                                                                                                                                        Length 19;
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APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James

ITLE OF INVENTION: RNA

Interference Mediated Inhibition of Epidermal Growth Factor

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RESULT 1190
US-10-225-023-1204
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-07-25
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/398,036
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/294,140
PRIOR FILING DATE: 2002-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
TITLE OF INVENTION: Interfering RNA
FILE REFERENCE: 400/054 (MBHB01-665-B)
                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/157,580 PRIOR FILING DATE: 2002-05-29
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CURRENT FILING DATE: 2003-01-06
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CURRENT FILING DATE: 2003-02-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/296,249 FILING DATE: 2001-06-06
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                                                                                                                                           265 ccccccrcrcrcrcrrrrcr 283
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                                                                                                      CACCCATCTCTCTCCTTCT 1
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o. US20030175950A1
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Application US/10225023
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Pred. No. 8.9e+02
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Pred. No. 8.9e+02
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APPLICANT: ZHANG, YANJIN

TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
TITLE OF INVENTION: REPRODUCTIVE AND REPIRATORY SYNDROME VIRUS (PPRSV)
FILE REFERENCE: 8199-0005-55XCIP WO
CURRENT APPLICATION NUMBER: US/10/428,826
CURRENT FILING DATE: 2003-05-05
PRIOR APPLICATION NUMBER: US/09/601,326
PRIOR APPLICATION NUMBER: US/09/601,326
PRIOR APPLICATION NUMBER: US/09/019,793
PRIOR APPLICATION NUMBER: US/09/01,435
PRIOR APPLICATION NUMBER: US/08/301,435
PRIOR APPLICATION NUMBER: US/08/301,435
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                                                                                                                                                                                                                                                        SEQ ID NO 53
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                     Query Match
Best Local
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CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US 60/398,036
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/294,140
PRIOR FILING DATE: 2002-05-29
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SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 08/131,625
PRIOR FILING DATE: 1993-10-05
PRIOR APPLICATION NUMBER: US 07/969,071
PRIOR FILING DATE: 1992-10-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ribozyme Pharmaceuticals, APPLICANT: McSwiggen, James
                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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nes 9; Conserv
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Similarity 84.
16; Conservative
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                        0.3%;
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Score 14.2; DB 1;
Pred. No. 8.9e+02;
0; Mismatches 3
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Pred. No. 8
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LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: GB 0004312.5
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 189
SOFTWARE: PatentIn version 3.1
SEQ ID NO 70
LENGTH: 19
                                                    Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity 84.2%;
Matches 16; Conservative
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APPLICANT: Tazi-Ahnini, Rachind
TITLE OF INVENTION: Test and model for inflammatory disease
FILE REFERENCE: P30000WO-PS
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PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 189
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CURRENT FILING DATE: 2003-01-29
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TITLE OF INVENTION: Test and model for inflammatory disease
FILE REFERENCE: P30000WO-PS
FILE REFERENCE: P30000WO-PS
                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/204,884
CURRENT FILING DATE: 2003-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Oxagen Limited APPLICANT: Olaveson, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Oxagen Limited
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                FEATURE:
                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4523 GAGCTGAGGCTCTAGCCAC 4541
4523 GAGCTGAGGCTCTAGCCAC 4541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GAGCTGACGCTTTGGCCAC 19
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Lench, Nick
Allen, Maxine
                                                                                                                                                                                                                                                                                                                                                                                                                               Olaveson, Ma
Lench, Nick
                                                      0.3%;
ilarity 84.2%;
Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mark
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                                                      0,
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                                                    Score 14.2; DB 1;
Pred. No. 8.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.2;
Pred. No. 8.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; DB 1;
8.9e+02;
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                                                                                         Length 19;
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                                                       Indels
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                                                      Gaps
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CURRENT APPLICATION NUMBER: US/10/424,233; CURRENT FILING DATE: 2003-04-25; PRIOR APPLICATION NUMBER: US. 60/375,335; PRIOR FILING DATE: 2002-04-25; NUMBER OF SEQ ID NOS: 75; SOFTWARE: PatentIn version 3.2; SEQ ID NO 63; LENGTH: 19; TYPE: DNA; ORGANISM: Homo sapiens
RESULT 1196
US-10-340-189-66/c
US-10-340-189-66/c
Requence 66, Application US/10340189
Publication No. US20030229207A1
PUBLICATION:
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US-10-400-382-299/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: based on Homo sapiens. US-10-400-382-299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: NOVEL HUMAN LEUCINE-RICH REPEAT-CONTAINING PROTEINS SPECIFICALLY
TITLE OF INVENTION: EXPRESSED IN THE NERVOUS SYSTEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 299
                                                                                                                                                                                                                         Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 63, Application US/10424233
Publication No. US20030220263A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                          Matches
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PRIOR FILTNG DATE: 2002-03-27
NUMBER OF SEQ ID NOS: 460
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/400,382
CURRENT FILING DATE: 2003-03-27
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APPLICANT: Durkin, Jonathan P.
TITLE OF INVENTION: Antisense IAP
TITLE OF INVENTION: Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: LaCasse, Eric
APPLICANT: McManus, Dan:
APPLICANT: Durkin, Jonal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: D0233 NP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 07891/025004
                                                                                                                                                       4752 TGGCTAGGCTGAGAGCAGG 4770
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                                                                                                                                                                                                                         Similarity
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5. US20030190659A1
                                                                                                                                                                                                          Conservative
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Pred. No. 8.9e+02
0; Mismatches
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Pred. No. 8.9e+02;
                                                                                                                                                                                                                                           DB 1; Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 19;
                                                                                                                                                                                                          Indels
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Studnicka, Gary M.

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APPLICANT: Conen, APPLICANT: Conen, APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
ITITE OF INVENTION: Biallelic markers for use in constructing a high current APPLICATION UNMER: US/10/349,143
CURRENT APPLICATION NUMBER: US/99/422,978
PRIOR APPLICATION NUMBER: US/99/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 66:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/082,842
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: PCT/US92/10906
FILING DATE: 14-DEC-1992
APPLICATION NUMBER: US 07/808,464
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2527
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: MCNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11023US07 / 200-71.P2.C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/340,189
FILING DATE: 10-Jan-2003
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 W. Madison Street, 34th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Modified Antibody Variable Domains
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ACCGAGTCCTCTGGAAGTC 2545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/245,202A FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
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                                                                                                                                                                                                                                       RESULT 1199
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET 020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR FILING DATE: 1999-10-20

PRIOR FILING DATE: 1999-10-20

PRIOR RILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8508
                                                                                                                                                                                                                                                                                                                                                                                          Best Loc
Matches
                                                                                                                                                Publication No. US20040009946A1 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7014
                                                                                                                                                                                          Sequence 155,
                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cohen, Danier, APPLICANT: Blumenfeld, Man APPLICANT: Chumakov, Ilya
                               APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linds K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL
TITLE OF INVENTION: BY RNA INTERFERENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 19
TYPE: DNA
CURRENT APPLICATION NUMBER: US/10/444,925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in complem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
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LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-22375 for SEQ 3080,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo Sapiens FEATURE:
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mes 16; Conserv
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                                                                                                                                                                                          Application US/10444925
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Pred. No. 8.9e+02
0; Mismatches
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Pred. No. 8.9e+02
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; FEATURE:
; OTHER INFORMATION: Description of
US-10-206-705-69
                                                                                                                                                                                                                                                                                                                                                      US-10-206-705-69
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CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 156
LENGTH: 19
                                                                                    APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
FILE REFERENCE: 900/035 (MBHB02-738)
CURRENT APPLICATION NUMBER: US/10/206,705
CURRENT APPLICATION NUMBER: US/10/206,705
RUMBER OF SEQ ID NOS: 388
SOFTWARE: PatentIn version 3.0
SEQ ID NO 69
LENGTH: 19
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Best Local Similarity
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SOFTWARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 115
LENGTH: 19
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TITLE OF INVENTION: MODULATION OF PTD1B SIGNAL TRANSDUCTION

TITLE OF INVENTION: BY RNA INTERFERENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lewis, Stephen Patrick APPLICANT: Klinghoffer, Richard APPLICANT: Wilson, Linda K.
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                                           ORGANISM: Artificial Sequence
                                                                        TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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nes 15; Conserv
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Pred. No. 8.9e+02
1; Mismatches
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Pred. No. 8.9e+02;
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             Artificial Sequence:
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               Target sequence/siNA sense
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Best Local Simi
Matches 15;
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Best Local Similarity
Matches 16; Conserv
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            Matches
                                                 Query Match
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TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phospha
TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
FILE REFERENCE: 900/035 (MBHB02-738)
CURRENT APPLICATION NUMBER: US/10/206,705
CURRENT FILING DATE: 2002-07-26
NUMBER OF SEQ ID NOS: 388
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Englehardt, Dean L.
TITLE OF INVENTION: Process Useful for Producing Selective Immune Down Regulation
TITLE OF INVENTION: Subjects, Including Adult Subjects to Artificially Expressed
TITLE OF INVENTION: Systems, Infectious Agents, and No. US20040022768A1-Cellular
TITLE OF INVENTION: Processes for Producing Immunological Tolerance in Subjects t
                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 59046.000026
CURRENT APPLICATION NUMBER: US/10/377,628A
CURRENT FILING DATE: 2003-03-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version
                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 08/808,629 PRIOR FILING DATE: 1997-02-28
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TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                          OTHER INFORMATION: Antisense Primer
                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                      ENGTH:
0.3%;
Local Similarity 84.2%;
hes 16; Conservation
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                              Score 14.2; DB 1;
Pred. No. 8.9e+02;
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Pred. No. 8.9e+02;
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Pred. No. 8.9e+02
              Mismatches
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                                                 DB 1; Length 19;
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US-10-333-429-199/c
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                                                                                                                                                   ; OTHER INFORMATION: Primer US-10-451-822-61
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                          Matches
                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 2847USOP
CURRENT APPLICATION NUMBER: US/10/451,822
CURRENT FILING DATE: 2003-06-25
PRIOR APPLICATION NUMBER: PCT/JP01/11557
PRIOR FILING DATE: 2001-12-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps FILE REFERENCE: G-083US02PCT CURRENT APPLICATION NUMBER: US/10/33,429 CURRENT FILING DATE: 2003-01-17 PRIOR APPLICATION NUMBER: PCT/IB01/01477 PRIOR FILING DATE: 2001-06-28
                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: JP 2000-403078
PRIOR FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: JP 2001-195467
PRIOR FILING DATE: 2001-06-27
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SOFTWARE: Patent.pm
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                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 71
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                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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ITLE OF INVENTION: No. US20040053397Alel Protein and Its DNA
ILE REFERENCE: 2847US0P
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                              ENGTH: 19
                                                                                                                                                                                                                                                              ID NO 61
                                     1499 CAAGGATGGTTCTGAGGAC 1517
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CAAGGCTGGGTGAGGAC 19
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b. US20040048265A1
                                                                        Conservative
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Pred. No. 8.9e+02;
0; Mismatches 3;
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Pred. No. 8.
                                                                        Mismatches
                                                                                          2; DB 1;
8.9e+02;
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                                                                                                            Length 19
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                                                                             ; FEATURE: ; OTHER INFORMATION: based on Homo sapiens US-10-636-065-190
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US-10-636-065-190/c
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US-10-628-109-97
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CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: US 60/254,669
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: US 60/323,400
PRIOR FILING DATE: 2001-09-19
PRIOR FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: US 10/014,012
PRIOR APPLICATION NUMBER: US 10/014,012
PRIOR APPLICATION NUMBER: US 10/014,012
                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 190
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Best Local Similarity
Matches 16; Conserv
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Publication No.
  Matches
                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 190, Application US/10636065
Publication No. US20040127694A1
                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/672,717
PRIOR FILING DATE: 2003-08-07
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FACTOR
                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 07891/025005
CURRENT APPLICATION NUMBER: US/10/636,065
CURRENT FILING DATE: 2003-08-07
                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
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APPLICANT: Freder
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TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
TITLE OF INVENTION: AMPLIFICATION
                                                                                                                          LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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  Conservative
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                     Score 14.2; DB 1, Pred. No. 8.9e+02;
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Pred. No. 8.9e+02
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Best Local
                                   Matches
                                                                   Query Match
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APPLICANT: Shen, Ming
APPLICANT: Law, Simon W.
APPLICANT: Huang, Tai-Nang
APPLICANT: Huang, Tai-Nang
TITLE OF INVENTION: NUCLBIC ACID AMPLIFICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025005
CURRENT APPLICATION NUMBER: US/10/636,065
CURRENT FILING DATE: 2003-08-07
PRIOR APPLICATION NUMBER: 09/672,717
PRIOR APPLICATION NUMBER: 09/672,717
                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 4.0 15 1.00 15
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NUMBER OF SEQ ID NOS:
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APPLICANT: Deik, Amy A
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                                                                                                         FEATURE: OTHER INFORMATION: Synthetically generated oligonucleotide
                                                                                                                                                ORGANISM: Artificial Sequence
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                                                                                                                                                                      TYPE: DNA
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lication No. US20040127694A1
ERAL INFORMATION:
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nes 16; Conservative
 1228 AGCAGCTCTCCCCGGGCCT 1246
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Holcik, Martin
Young, Sean
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Mamaeva, Natalia
Woodward, Caroline Ngaara
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Pred. No. 8.9e
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Pred. No. 8.
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8.9e+02;
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Best Local Similarity
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APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelian
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Recept
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinvention)
FILE REFERENCE: 400/131 (MBHB02-742-F)
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PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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CURRENT FILING DATE: 2003-09-18
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TYPE: RNA
ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/358,580
FILING DATE: 2002-02-20
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Beigelman, Leonid
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Beigelman, Leonid
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Pred. No. 8.9e+02
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                              и чавсилат властлентаl Growth Factor Receptor Using Short Interfering Nucleic Acid (sina)
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FILE REPERENCE: 12251-036001

CURRENT APPLICATION NUMBER: US/10/814,876

CURRENT FILING DATE: 2004-03-31

PRIOR APPLICATION NUMBER: US/10/341,199

PRIOR FILING DATE: 2003-01-10

NUMBER OF SEQ ID NOS: 35

SOPTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 15

LENGTH: 19
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                                                              ; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-814-876-15
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Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Deik, Amy A
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Huang, Tai-Nang
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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ORGANISM: Artificial Sequence
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                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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Mamaeva, Natalia
Woodward, Caroline Ngaara
Chen, Shin-Yih
Huang, Yih
Shen, Ming
Law, Simon W.
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Pred. No. 8.9e+02;
    Score 14.2; DB 1;
Pred. No. 8.9e+02;
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                   Length 19
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PRIOR APPLICATION NUMBER: 60/427,202
PRIOR FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: 60/434,434
PRIOR FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PATENTIN Ver. 3.2
SEQ ID NO 15
LENGTH: 19
, B
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                                                                                                                                                  LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-715-117-15
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SEQ ID NO 22
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 15, Application US/10715117 Publication No. US20040171037A1 GENERAL INFORMATION:
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Publication No. US20040167086A1
GENERAL INFORMATION:
APPLICANT: Heiskala, Marja
                                                                              Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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FILE REFERENCE: CEN0285 NP
CURRENT APPLICATION NUMBER: US/10/099,791E
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,305
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: LI, JING
APPLICANT: POWERS, SCOTT
APPLICANT: SIN, WUN CHEY
APPLICANT: YANG, JIANXIN
                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 38002-0062
CURRENT APPLICATION NUMBER: US/10/715,117
CURRENT FILING DATE: 2003-11-18
                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: AMPLIFIED GENES INVOLVED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: PCR primer elements
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                                              1343 GGTCAAGGCCTTGCTGCAC 1361
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84.2%; Pred. No. 8.9e+02.
tive 0; Mismatches
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Pred. No. 8.9e+02
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APPLICANT: SIN, WÜN CHEY
APPLICANT: YANG, JIANXIN
TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
FILE REFERENCE: 38002-0062
CCURRENT APPLICATION NUMBER: US/10/715,117
CURRENT FILING DATE: 2003-11-18
PRIOR APPLICATION NUMBER: 60/427,202
PRIOR APPLICATION NUMBER: 60/427,202
PRIOR FILING DATE: 2002-11-19
PRIOR FILING DATE: 2002-12-19
PRIOR FILING DATE: 2002-12-19
PRIOR FILING DATE: 2002-12-19
PRIOR FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 99
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RESULT 1217
US-10-731-739-502
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-715-117-33
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CURRENT APPLICATION NUMBER: US/10/715,117
CURRENT FILING DATE: 2003-11-18
PRIOR APPLICATION NUMBER: 60/427,202
PRIOR FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: 60/434,434
PRIOR FILING DATE: 2002-12-19
PRIOR FILING DATE: 2002-12-19
PRIOR FILING DATE: 2002-13-19
PRIOR FILING DATE: 2002-13-19
PRIOR FILING DATE: 2002-13-19
PRIOR FILING DATE: 3.2
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LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                       Query Match 0.3%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 8.9e+02;
                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 3.2 SEQ ID NO 33
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Best Local Similarity 73.7%;
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APPLICANT: SIN, WUN CHEY
APPLICANT: YANG, JIANYIN
TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LI,
APPLICANT: POI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1343 GGTCAAGGCCTTGCTGCAC 1361
                                                                                                                              1343 GGTCAAGGCCTTGCTGCAC 1361
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Pred. No. 8.9e
2; Mismatches
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CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT PILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/99/544,398B
PRIOR APPLICATION NUMBER: US/99/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR PILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR PILLING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: PASECSEQ for Windows Version 4.0
SEQ ID NO 502
문
                                                                                                                                                                              ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-758-881-132
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-502
                                                                                                                                                                                                                                                                                                                 SOFTWARE: PE
SEQ ID NO 132
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                                                                                       Matches
                                                                                                         Query Match
Best Local Similarity
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Best Local Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Karras, James G
TITLE OF INVENTION: Antisen
TITLE OF INVENTION: Express
FILE REFERENCE: ISPH-0532
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/758,881
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 09/288,461
PRIOR FILING DATE: 199-04-08
NUMBER OF SEQ ID NOS: 152
SOFTWARE: PATENTIN Ver 2 1
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APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
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TYPE: DNA
ORGANISM: Artificial Sequence
                                       5027 TGGGCCTCTTGGTTCCAGG 5045
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TCGGCCACTTGGTCCCAGG 20
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                                                                                         Conservative
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                                                                                                         0.3%;
                                                                                         0; Mismatches
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Pred. No. 8.9e+02;
0; Mismatches 3
                                                                                                            Score 14.2; DB 1;
Pred. No. 9.5e+02;
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RESULT 1219 US-09-790-417-113; A:

Application US/09790417

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TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/790,417
CURRENT FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR PILING DATE: 1998-03-13
NUMBER OF SEO ID NOS: 290
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 113
LENGTH: 20
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                                                                                                                 ; FEATURE:
; OTHER INFORMATION: Oligonucleotide with internal repetitions
US-09-465-589-8
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                                                                                                                                                                                                                                                                 FILE REFERENCE: 4305/11293-US2
CURRENT APPLICATION NUMBER: US/09/465,589
CURRENT FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: PCT/DK96/00513
PRIOR APPLICATION NUMBER: PCT/DK96/00513
PRIOR FILING DATE: 1996-12-05
PRIOR APPLICATION NUMBER: DATE: 1379/95
PRIOR FILING DATE: 1995-12-05
PRIOR FILING DATE: 1995-12-05
PRIOR FILING DATE: 1995-12-05
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US-09-790-417-113
                                     Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 20
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Patent No. US20020031764A1
GENERAL INFORMATION:
APPLICANT: KOCH, Jorn Erland
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPETITION TITLE OF INVENTION: OLIGONUCLEOTIDE UNIT (AS AMENDED)
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                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT: Shultz, John W
PPLICANT: Lewis, Martin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        349 CTGAGCGCCTGAAACAGGA 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION:
   278 CTTTCTCTCTCTCTCTT 296
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Mandrekar, Michelle
                                       Conservative
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                                                         Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9
                                       Mismatches
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                                       Indels
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                                                     RESULT 1223
US-09-733-294A-39
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Sequence 39, Application US/09733294A Patent No. US20020045588A1 GENERAL INFORMATION:
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) OTHER INFORMATION: Antisense Oligonucleotide US-09-733-294A-21
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US-09-733-294A-21
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                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-12-07
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
SEQ ID NO 21
LENGTH: 20
Type: ....
                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
APPLICANT: INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservation
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SEOUTH NO 3
SEOUTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3, Application US/09908825
Publication No. US20020035083A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Pharma Company
TITLE OF INVENTION: CRF2 LIGANDS IN COMBINATION THERAPY
                                                                      Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 21, Application US/09733294A Patent No. US20020045588A1
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CURRENT APPLICATION NUMBER: US/09/908,825
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/219,391
PRIOR FILING DATE: 2000-07-19
RUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/733,294A CURRENT FILING DATE: 2000-12-07
                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                  1657 GCTTCTGCCAGCTCCTGCA 1675
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N
GCTTCCGACAGCTCCCGCA 20
                                                                        Conservative
                                                                                        0.3%;
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                                                                                          Score 14.2; DB 1
Pred. No. 9.5e+02
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Pred. No. 9.5e+02
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                                                                                                            DB 1;
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RESULT 1225
US-09-752-639-57
Sequence 57, Application US/09752639
Patent No. US20020091243A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local
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                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                 GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: GLUCKWAN, ELIANE
APPLICANT: KIRSZENBAUM, MAREK
TITLE OF INVENTION: TRANSCRIPTS OF THE MHC CLASS I HLA-G GENE AND THEIR APPLICATIONS
FILE REFERENCE: 204824US9 DIV
CURRENT APPLICATION NUMBER: US/09/810,560
CURRENT FILING DATE: 2001-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 08/958,316
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: US 08/406,057
PRIOR FILING DATE: 1995-03-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: CAROSELLA, EDGARDO D
APPLICANT: MOREAU, PHILIPPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SUBAN M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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UMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                0.3%;
Local Similarity 84.2%;
les 16; Conservation
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                 Factor Receptor Releasing Enzyme Activity, and Methods of Use Thereof
                                                                                                                                                                                                                                                                                                                                                      0;
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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US-09-984-198-57
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Patent No. US20020106679A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT A1,386
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 2200
TELECOMMUNICATION INFORMATION:
TOTREPORT OF THE COMMUNICATION A100
TOTREPHONE: 650-813-5600
                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                             APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Facto:
TITLE OF INVENTION: of Us
                                ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: 05. ETAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
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ADDRESSEE: MORRISON &
STREET: 755 PAGE MILL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
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APPLICATION NUMBER: 1
FILING DATE:
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MEDIUM TYPE: Diskette
                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                NUMBER OF SEQUENCES:
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TELEFAX: 706141
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                                                                                                                 ADDRESSEE: MORKLEOU FOAD STREET: 755 PAGE MILL ROAD
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TYPE: nucleic acid
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CLASSIFICATION:
COMPUTER: IBM CONPERATING SYSTEM:
                                                                               COUNTRY:
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Similarity 84.2%;
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                IBM Compatible
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Factor Receptor Releasing Enzyme
of Use Thereof
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Pred. No. 9
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FastSEQ for Windows Version 2.0b

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-927-160-7
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                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 08/385,713
PRIOR FILING DATE: 1995-02-08
PRIOR PELICATION NUMBER: US 08/275,916
PRIOR PELICATION NUMBER: US 07/939,767
PRIOR APPLICATION NUMBER: US 07/939,767
PRIOR FILING DATE: 1992-09-02
PRIOR FILING DATE: 1992-04-24
PRIOR FILING DATE: 1992-04-24
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                                                                                                                 SOFTWARE: Pa
SEQ ID NO 7
LENGTH: 20
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Pati, Su
APPLICANT: Zarling
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Patent No. US20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Zarling, David
TITLE OF INVENTION: Transgenic Animals Produced by Homologous Sequence Targeting
FILE REFERENCE: A-64580-4/RFT/RMS/AMS
CURRENT APPLICATION NUMBER: US/09/927,160
CURRENT FILING DATE: 2001-08-09
                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 09/079,877
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 08/910,415
PRIOR FILING DATE: 1997-08-13
PRIOR APPLICATION NUMBER: US 60/041,173
PRIOR FILING DATE: 1997-03-21
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FILING DATE:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                            NUMBER OF SEQ ID NOS: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTOMNS....
ANAME: WU, Frank
REGISTRATION NUMBER: 41,386
REGISTRATION NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
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APPLICATION NUMBER:
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/984,198 FILING DATE:
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  Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02
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                  Length 20;
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US-09-870-956-33/c
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SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL
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Best Local Similarity 84.2%;
Matches 16; Conservative
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APPLICANT: Herrera-Ruiz, Dea
APPLICANT: Rutgers, The State University of New Jersey
APPLICANT: Rutgers, The State University of New Jersey
TITLE OF INVENTION: NO. US20020127669Alel Compositions for the Expression TITLE OF INVENTION: Histidine Transporter 1 and Methods of Use Thereof
FILE REFERENCE: Rutgers 00-0126
CURRENT APPLICATION NUMBER: US/09/870,956
CURRENT FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: 60/208,061
PRIOR APPLICATION NUMBER: 60/208,061
PRIOR FILING DATE: 2000-05-31
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, Davi
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T: Williams, P. Mickey
T: Wood, William, I.
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
INVENTION: Acids Encoding the Same
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
                                                                                       Stewart,
                                                                                                         Roy, Margaret Ann
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Filvaroff, Ellen
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                                                                                                                          Nicholas F.
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                                                                       Daniel
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Pred. No. 9.5e+02;
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ORGANISM: Artificial Sequence FEATURE:
FORTHER INFORMATION: Description of Artificial OTHER INFORMATION: oligonucleotide probe US-09-909-320-124
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
                                                                                                                                                                                                            Sequence 124, Applic
Patent No. US2002014
GENERAL INFORMATION:
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Best Local
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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CURRENT APPLICATION NUMBER: US/09/909,320
CURRENT FILING DATE: 2002-01-04
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nes 16; Conservative
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APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1999-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/30095
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Ashkenazi, Avi
Botstein, David
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                                                                                 Desnoyers, Luc
Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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                                      Fong, buc....Gao, Wei-Qiang
Gerritsen, Mary
Goddard, A.
                               Gerber, Hanspeter
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Pred. No. 9.5e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe
US-09-909-088B-124
                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
                                                                        Matches
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
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APPLICATION NUMBER: FOT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/30095
                             2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/28313
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                                                                                            Similarity
Treccitacicaeerecta 19
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Grimaldi,
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Stewart, Timothy A.
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Mather, Jennie P.
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                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1999-11-30
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ms, P. Mickey
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                                                                                          84.2%;
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                                                                                          Score 14.2; DB 1;
Pred. No. 9.5e+02;
                                                                          Mismatches
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                                                                                                                DB 1;
                                                                                                              Length 20;
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RESULT 1231 US-09-911-176B-9

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APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ANTIBODIES THAT BIND AN
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG
FILE REFERENCE: 97-30D1
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APPLICANT:
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CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: 09/118,408
PRIOR FILING DATE: 1998-07-17
PRIOR APPLICATION NUMBER: 60/053,154
PRIOR APPLICATION NUMBER: 60/053,154
PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 52
                                 CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/U500/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
                                                                                                                 FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,291A
CURRENT FILING DATE: 2001-07-12
                                                                                                                                                                     APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, I.
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
APPLICATION NUMBER: US 60/145,698 FILING DATE: 1999-07-26
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Stewart, Timothy A.
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Grimaldi, Christopher
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Botstein, David
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Pred. No. 9.5e+02
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APPLICANT: Gurney, Austin L.
APPLICANT: Mapier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Wood, William I.
TITLE OF INVENTION: OP DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/953,499
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US/09/54,465
PRIOR APPLICATION NUMBER: US/09/54,465
PRIOR FILING DATE: 1999-03-05
PRIOR FILING DATE: 1999-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR APPLICATION NUMBER: US 66/078,936
PRIOR APPLICATION NUMBER: US 66/078,936
PRIOR APPLICATION NUMBER: US 66/078,936
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Best Local S
Matches 16
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SEQ ID NO 124
LENGTH: 20
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APPLICANT:
APPLICANT:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Fong, Sherman
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
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84.2%; Pred. No. 9.56
tive 0; Mismatches
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                                                                                          CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR PRILING DATE: 2000-09-18
PRIOR PELLING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR PELIOR TO NUMBER: US 60/145,698
PRIOR PELIOR DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PELIOR DATE: 1999-07-28
PRIOR PELIOR DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
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Best Local
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LENGTH: 20
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CURRENT FILING DATE: 2001-07-10
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PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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TYPE: DNA
ORGANISM: artificial sequence
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                   APPLICATION NUMBER: PCT/US99/21547 FILING DATE: 1999-09-15
                                                            APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
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Similarity 84.2%;
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Tumas, Daniel
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Stewart, Timothy A.
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Ferrara, Napoleone
Filvaroff, Ellen
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Mather, Jennie P.
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Gerritsen, Mary E.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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o. US20020192659A1
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Pred. No. 9.5e+02;
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Best Local Similarity
Matches ·16; Conserv
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
1EQ ID NO 124
CURRENT APPLICATION NUMBER: US/09/907,824
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                               TITLE OF INVENTION: Secreted and Transmembrane Polypeptides TITLE OF INVENTION: Secreted and Transmembrane Polypeptides FILE REFERENCE: 10466-14 CURRENT ADDITION:
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TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28564
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Williams, P. Mickey
Wood, William, I.
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gerber, Hanspeter
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Filvaroff, Ellen
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Mather, Jennie P.
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Grimaldi, Christopher
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b. US20020197671A1
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Pred. No. 9.5e+02;
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                                                                                                                                                                                                                                                                                                                                  Sequence 124, Applic Publication No. US20 GENERAL INFORMATION:
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SEQ ID NO 124
LENGTH: 20
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Best Local Similarity 84.2%;
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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ORGANISM: Artificial Sequence
FEATURE:
                                      PPLICANT:
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APPLICATION NUMBER: PCT/US99/28214
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APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PCT/US99/21090
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FILING DATE: 1999-09-08
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APPLICATION NUMBER: US 60/145,698
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Gurney, Austin L. Hillan, Kenneth, J. Kljavin, Ivar J. Mather, Jennie P.
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Botstein, David
Desnoyers, Luc
Eaton, Dan L.
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                                                                                                                                                     Gao, Wei-Qiang
                                                                      Godowski, Paul J.
Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Pred. No. 9.5e+02
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PRIOR FILING DATE: 1999-11-29
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
                                                                                                                                                                                       GENERAL INFORMATION: APPLICANT: Genentech,
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Best Local Similarity
Matches 16; Conserv
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                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
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Roy, Margaret Ann
Stewart, Timothy A.
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Gurney, Austin L.
Hillan, Kenneth,
                       Godowski, Paul J.
Grimaldi, Christopher J.
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Filvaroff, Ellen
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Paoni, Nicholas
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Eaton, Dan L.
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5. US20030003530A1
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Kljavin,

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RESULT 1238
US-09-898-361-128/c
; Sequence 128, Application US/09898361
; Publication No. US20030008732A1
; GENERAL INFORMATION:
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SEQ ID NO 124
LENGTH: 20
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US-09-904-011-124
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Best Local Similarity
Matches 16; Conserv
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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CURRENT FILING DATE: 2001-07-11
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PRIOR APPLICATION NUMBER: US 60/146,222
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                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 1999-12-20
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Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1999-12-02
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, Jennie P.
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Pred. No. 9.
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US-09-870-002-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 163
SEQ ID NO 128
LENGTH: 20
TYPE: DNA
Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEEDOR
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL IMPORMATION:
APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
NUMBER OF SEQUENCES: 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 20:
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                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA
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                                                                                                      ANTI-SENSE:
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                                                                                                                                                 TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/870,002 FILING DATE: 30-May-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: WINDOWS SOFTWARE: WORDPERFECT 6.1
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                                                                                                                                    STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 09/575,554 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: NJ
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STREET: 66 East Main Street
                                                                                                                  MoroLogy: Linear
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                                                                                  DESCRIPTION: SEQ
                                                                                                                                                                                                                         E: (856) 810-1515
(856) 810-1454
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84.2%;
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              Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02
                                                                                  ID NO:
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for WINDOWS
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                                DB 1;
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US-09-903-640-124
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                                                                                                                                                              US-09-908-093-124
                                                                                                                                                                               RESULT 1241
                                                                     Sequence 124, Application US/09908093
Publication No. US20030017498A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/903,640
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
                                                                                                                                                                                                                                                                                  Local Similarity
nes 16; Conserv
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Filvaroff, Ellen
Fong, Sherman
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Botstein, David
            Filvaroff, Ellen
                                          Desnoyers, Luc
Eaton, Dan L.
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Stewart, Timothy A.
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
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Eaton, Dan L
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                                                                                                                                                                                                                                                                                      Conservative
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Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Daniel
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                                                                                                                                                                                                                                                                                                 94.2%;
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Pred. No. 9.56
0; Mismatches
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; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe US-09-908-093-124
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PRIOR APPLICATION NUMBER: 09/665,350

PRIOR TING DATE: 2000-09-18

PRIOR FILING DATE: 2000-09-18

PRIOR PLING DATE: 2000-09-18

PRIOR PLING DATE: 2000-02-22

PRIOR PLING DATE: 2000-02-22

PRIOR PRIOR PLING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR APPLICATION NUMBER: PCT/US99/21090
                                                                               Query Match
Best Local S
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SEQ ID NO 124
LENGTH: 20
                                                                 Matches
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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TITLE OF INVENTION: Aci
FILE REFERENCE: 10466-14
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                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
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FILING DATE: 1999-11-29
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2701 TTGAGTTTCTCAGGTGCTA 2719
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/30095
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                                                               al Similarity 84.2%;
16; Conservative
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Williams, P. Mickey
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Mather, Jennie P.
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Grimaldi, Christopher J.
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                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 195
LENGTH: 20
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Matches
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CURRENT APPLICATION NUMBER: US/09/824,322B
CURRENT FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/09/824,322B
CURRENT FILING DATE: 2001-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALITITLE OF INVENTION: ALPHA) EXPRESSION
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APPLICANT: Butler, Milliam R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALITITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2001-04-02 PRIOR APPLICATION NUMBER: US 09/313,932 PRIOR FILING DATE: 1999-05-18
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PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
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APPLICANT: Bennett, C.
                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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LENGTH: 20
                                                                       Local Similarity
les 16; Conserv
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16; Conser
                                 ACAAGAAGCTGAGTCCCTT 2227
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5. US20030022848A1
                                                                     0.3%;
ilarity 84.2%;
Conservative
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Pred. No. 9.
                                                                     Score 14.2; DB 1
Pred. No. 9.5e+02
0; Mismatches
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                                                                                                                                                                                                           SEQ ID NO 374
LENGTH: 20
TYPE: DNA
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SEQ ID NO 287
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                    Matches
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                                                                                                   Query Match
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Best Local Similarity 84.2%;
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APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ALPHA) EXPRESSION
TITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/824,322B CURRENT FILING DATE: 2001-04-02
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APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF
TITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 503
                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
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APPLICANT: Bennet
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PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
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                                                                                                                                                           FEATURE:
OTHER IN
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                               104 CTCTCCTGACGTCTCCAGA 122
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                                                                  Similarity 84.
l6; Conservative
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                                                                                   84.2%;
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                                                                                    Score 14.2;
Pred. No. 9
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                                                                    Mismatches
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RESULT 1246
US-09-906-742-124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR TILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US00/00219 FILING DATE: 2000-01-05
                                                       APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                     FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
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FILING DATE: 1999-09-13
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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                                    FILING DATE: 1999-12-20
                                                                                                    APPLICATION NUMBER: PCT/US99/30911
                                                                                                                          FILING DATE: 1999-12-16
                                                                                                                                             APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                              FILING DATE: 1999-12-02
                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/21090
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Botstein, David
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Mather, Jennie P.
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Grimaldi, Christopher
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                                                                                                                                                                                                                                                                                                                                                ATE: 1999-09-15
ION NUMBER: PCT/US99/23089
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nicholas F.
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US-09-906-838-124 RESULT 1248

Sequence 124, Application No.

Application US/09906838 o. US20030027143A1

GENERAL INFORMATION:
APPLICANT: Genentech, Inc.

APPLICANT:
APPLICANT:
APPLICANT:

Desnoyers, Luc Eaton, Dan L. Ashkenazi,

Botstein, David

Avi

APPLICANT:

Filvaroff, Ellen

APPLICANT:

Fong, Sherman Gao, Wei-Qiang Gerber, Hanspeter

PPLICANT:

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OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0) ... (0)
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 618
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Best Local 8
                                                                                                                                                        Matches
                                                                                                                                                                                                                            Query Match
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APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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                                                                    1357 TGCACGAGGGTCCTGAGTCT 1376
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l Similarity 80.0%;
16; Conservative
1 TCCATGINGGICCTGAGICT 20
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Pred. No. 9
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Pred. No. 9.5e+02;
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; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-838-124
                                                                                                                               Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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PRIOR FILING DATE: 2000-09-19
PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         URRENT APPLICATION NUMBER: US/09/906,838
URRENT FILING DATE: 2001-07-16
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                                                                           2701
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                                                                       TTGAGTTTCTCAGGTGCTA 2719
TTGCCTTACTCAGGTGCTA 19
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Hillan, Kenneth, J.
Kliavin, Ivar J.
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Stewart, Timothy A.
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Grimaldi, Christopher J.
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                                                                                                                                                   Conservative
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ON NUMBER: PCT/US99/20594
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i, Nicholas F.
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NUMBER: PCT/US99/23089
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NUMBER: PCT
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                                                                                                                                                                                   Score 14.2; DB 1
Pred. No. 9.5e+02
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US-09-907-613-124
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NUMBER OF SEC
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
                                                                            PRIOR APPLICATION NUMBER: PCT/US00/00219 PRIOR FILING DATE: 2000-01-05
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION UNMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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                                                                                                               APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/145,698 FILING DATE: 1999-07-26 APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28214 FILING DATE: 1999-11-29 APPLICATION NUMBER: PCT/US99/28313 FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/20594 FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                                         LING DATE: 1999-12-02
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Mather, Jennie P.
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Hillan, Kenneth, J.
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b. US20030027145A1
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E, Ellen
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RESULT 1250
US-09-907-942-124
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Best Local Similarity 84.2%;
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CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/143,048 PRIOR FILING DATE: 1999-07-07 PRIOR APPLICATION NUMBER: US 60/145,698 PRIOR FILING DATE: 1999-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/146,222
FILLING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILLING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
FILLING DATE: 1999-09-13
                                                                             APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
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                   FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
                                                                                                                                           APPLICATION NUMBER: PCT/US99/21547 FILING DATE: 1999-09-15
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Botstein, David
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art, Timothy A.
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NUMBER: PCT/US99/28564
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                                                                                                                                                                                    1999-09-15
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Pred. No. 9.5e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe US-09-907-942-124
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CURRENT APPLICATION NUMBER: US/09/904,859
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1900-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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SEQ ID NO 124
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Publication No
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Best Local (
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR PILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: PCT/US99/30095
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APPLICANT: Ashkenazi, Avi
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PRIOR APPLICATION NUMBER: PCT/US99/28565
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Cao, Wei-Qiang
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Stewart, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                             Paoni,
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rimaldi, Christopher
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illan, Kenneth, J.
ljavin, Ivar J.
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Pred. No. 9
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US-09-909-204-124
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                                                                                                                                                                                                                                                                                               GENERAL INFORMATION.
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Botstein, Luc
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SEQ ID NO 124
LENGTH: 20
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                                  PPLICANT
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APPLICATION NUMBER: PCT/US99/28214
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APPLICATION NUMBER: PCT/US99/21547
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16; Conserv
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Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Gao, Wei-Qiang
                                                      Kljavin, Ivar J.
Mather, Jennie P.
                                                                            Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
                                                                                                                            Godowski, Paul J.
Grimaldi, Christopher
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                                                                                                                                                                                            Gerber, Hanspeter
                           Pan, James
Paoni, Nicholas F.
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Roy, Margaret Anr
Stewart, Timothy
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Sequence 124, Application US, Publication No. US2003003609; GENERAL INFORMATION:
APPLICANT: Genentech, Inc. APPLICANT: Ashkenazi, Avi APPLICANT: Bestetein, David APPLICANT: Besnoyers, Luc APPLICANT: Eaton, Dan L. APPLICANT: Fatrara, Napole, APPLICANT: Filvaroff, Elle;

Ashkenazi, Avi Botstein, David Desnoyers, Luc Eaton, Dan L.

Napoleone f, Ellen

RESULT 1253 US-09-904-820-124

Application US/09904820 . US20030036094A1

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PRIOR APPLICATION NUMBER: PCT/US09/30999

PRIOR PILING DATE: 1999-12-20

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 124

LENGTH: 20

TYPE: DNA

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CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-09-13
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR PILING DATE: 1999-09-15
PRIOR PRIOR DATE: 1999-09-15
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                                                                                                 Matches
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR FILING DATE: 1999-12-02
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
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                                                2701 TTGAGTTTCTCAGGTGCTA 2719
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TTGCCTTACTCAGGTGCTA
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                                                                                                 Conservative
                                                                                                                            0.3%;
                                                                                                    Score 14.2; DB 1
Pred. No. 9.5e+02
0; Mismatches
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
                                       Query Match
Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 124
                                                                                                                                                                                                                                                                                                PRIOR FILING DATE:
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PRIOR APPLICATION NUMBER: PCT/US00/00219
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PPLICANT: Wood, William, I.
ITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                    LENGTH: 20
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APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/28313
  2701 TTGAGTTTCTCAGGTGCTA 2719
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FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28214
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Stewart, Timothy A.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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                                         <u>,</u>
                                                             Score 14.2; DB 1;
Pred. No. 9.5e+02;
                                       Mismatches
                                                                               Length 20;
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; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-786-124
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US-09-906-646-124
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SEQ ID NO 124
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                  Sequence 124, A Publication No.
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                    GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                  Matches
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                                                               APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, Davi
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Ferrara, Napoleone
Filvaroff, Ellen
Fong, Sherman
Gao, Wei-Qiang
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Tumas, Daniel
Williams, P. Mickey
Wood, William, I.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Botstein, David
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Stewart, Timothy A.
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                                                                                                                                                                  Application US/09906646

o. US20030039971A1
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Ef, Ellen
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Pred. No. 9.5e+02
0; Mismatches
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
                                                                                                    Query Match
                                                                   Matches
                                                                                   Best Local
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PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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APPLICANT: Wood, William, I.
FITTLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FITTLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/30911
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                                  2701
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16; Conserv
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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                                                                   Conservative
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i, Nicholas F.
                                                                                                                                                                                                                                                                                                                                                NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 1999-09-15
NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER: PCT/US99/28564
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RESULT 1256
US-09-906-700-124
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PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR PRILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR PRILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-09-08
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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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APPLICANT: Ashkenazi, Avi
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                                                          FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US00/00219
FILING DATE: 2000-01-05
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APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
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FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT/US99/28564
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FILING DATE: 1999-10-05
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Mather, Jennie P.
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art, Timothy A.
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Ef, Ellen
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
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GENERAL INFORMATION:

APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE APPLICANT: SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES

APPLICANT: Marchetti, Antonio

APPLICANT: Buttitta, Fiamma
                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                 Sequence 124, Application US/09903786 Publication No. US20030044793A1
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Publication No. US20030044419A1
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/858,152A
CURRENT FILING DATE: 2001-05-14
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APPLICANT: Callahan, Robert
TITLE OF INVENTION: NUCLECTIDE AND DEDUCED AMINO ACID SEQUENCES OF TUMOR GENE INT6
                                                                      APPLICANT
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les 16; Conserv
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                                                                                                                                          Fong, Successions Gao, Wei-Qiang
Gurney, Austin L. Hillan, Kenneth, J. Kljavin, Ivar J. Mather, Jennie P.
                                                                    Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                        Goddard, A.
                                                                                                                      Gerritsen, Mary E
                                                                                                                                      Gerber, Hanspeter
                                                                                                                                                                                          Ferrara, Napoleone
Filvaroff, Ellen
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Botstein, David
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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RESULT 1259
US-09-902-903-124
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-09-08
                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
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CURRENT FILING DATE: 2001-07-11
CURRENT FILING UNUMBER: 09/665,350
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
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PRIOR APPLICATION NUMBER: PCT/US99/20944
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                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Synthetic Oligonucleotide Probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/30999
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                                                                                                                                        2701 TTGAGTTTCTCAGGTGCTA 2719
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                                                                                          1 TTGCCTTACTCAGGTGCTA 19
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Stewart, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Paoni,
                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                             84.2%;
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Pred. No. 9
                                                                                                                                                                                         Mismatches
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Sequence 124, Applic Publication No. US20 GENERAL INFORMATION:

Application US/09902903

US20030044839A1

APPLICANT: Genentech APPLICANT: Ashkenaz:

Botstein, David

besnoyers,

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SEQ ID NO 124
                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
                                                                                  LENGTH: 20
TYPE: DNA
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PRIOR FILING DATE: 2000-02-22
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CURRENT APPLICATION NUMBER: US/09/902,903
CURRENT FILING DATE: 2001-07-10
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR FILING DATE: 1999-07-07
                                                       ORGANISM: Artificial Sequence
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    OTHER INFORMATION:
OTHER INFORMATION:
                                          FEATURE:
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                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/30999
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APPLICATION NUMBER: PCT/US99/20594
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                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/28564
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Stewart, Timothy A.
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Description of Artificial Sequence: Synthetic oligonucleotide probe
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Query Match

0.3%;

Score 14.2;

DB 1;

Length 20;

Sequence 124, Application US/09903749A
Publication No. US20030045693A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi

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RESULT 1262
US-09-903-749A-124
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                                                                                                               Query Match
Best Local Similarity
Matches 16; Conserva
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                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-30
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                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: C. Frank
APPLICANT: Jacquel
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SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030044979A1
GENERAL INFORMATION:
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Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0147
CURRENT APPLICATION NUMBER: US/09/828,344
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 176
                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: RTS-0221
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16; Conservative
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                                                                                                                               Conservative
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                                                                                                                             Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3
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ches 3;
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                                                                                                                                                            Length
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Botstein, David

Desnoyers,

Ferrara, Napoleone

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SEQ ID NO 124
LENGTH: 20
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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PRIOR FILING DATE: 2000-02-22
OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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ITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic ITLE OF INVENTION: Acids Encoding the Same
                                               FEATURE:
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URRENT FILING DATE: 2001-07-11
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APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/21547
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                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                 FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                               CATION NUMBER: PCT/US99/30095
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Mather, Jennie P.
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art, Timothy A.
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Query Match

Score 14.2;

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US-09-904-119-124
                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/904,119
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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APPLICANT:
APPLICANT:
APPLICANT:
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                                   PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
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                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: PCT/US99/20594
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FILING DATE:
APPLICATION N
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                                                                                                                 APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28214
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Williams, P. Mickey
Wood, William, I.
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Botstein, David
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Mather, Jennie P.
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5. US20030049621A1
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illan, Kenneth, J.
ljavin, Ivar J.
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art, Timothy A.
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 NUMBER: PCT/US99/30095
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f, Ellen
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                                                                                                             FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,956
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
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LENGTH: 20
TYPE: DNA
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Best Local Similarity
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR PILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                              APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gerritsen, Mary E.
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Ashkenazi, Avi
Botstein, David
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Eaton, Dan L.
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o. US20030049622A1
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llan, Kenneth, J.
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Pred. No. 9.5e+02;
0; Mismatches
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                                                               APPLICANT:
                            APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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TYPE: DNA
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FILING DATE: 1999-11-JU
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-0-707/11999/28569
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FILING DATE: 2000-01-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1999-12-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION
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APPLICATION NUMBER: US/09/902,736
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                                                                                                                                                                            Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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                                                                                                           Roy, Margaret Ann
Stewart, Timothy A.
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Filvaroff, Ellen
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Grimaldi, Christopher
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Gerritsen, Mary E.
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                                                                                                 Tumas, Daniel
                                                                                                                                               Paoni,
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                                                                                                                                                                                                                                                                               Goddard, A.
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o. US20030049676A1
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                                                                                                                                           Nicholas F.
                                                                                                                                                                                                                                                                                                                                              Sherman
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Pred. No. 9.5e+02;
0; Mismatches 3;
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RESULT 1266
US-09-907-794-124
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                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
""" ohes 16; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 124
LENGTH: 20
                                                                                                                                                                                              Sequence 124, Application US/09907794 Publication No. US20030049677A1 GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
                                                                                        APPLICANT:
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PRIOR FILING DATE:
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                                    APPLICANT:
                                                     APPLICANT:
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/146,222
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                                                 Fong,
Gerber, Hanspeter
Gerritsen, Mary E.
                                   Gao, Wei-Qiang
                                                                    Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Botstein, David
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                                                     Sherman
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Pred. No. 9.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1;
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; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE: INFORMATION: Synthetic Oligonucleotide Probe US-09-907-794-124
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PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
PRIOR PELING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-26
PRIOR PRILING DATE: 1999-07-26
PRIOR PRILING DATE: 1999-07-26
PRIOR PRILING DATE: 1999-09-08
PRIOR PRILING DATE: 1999-09-08
PRIOR PRILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR PILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR PILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PRILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PILING DATE: 1999-11-05
PRIOR PILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28564
                                                                                                         Matches
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CURRENT FILING DATE: 2001-07-17
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                                                                                                                                  Local
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
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FILING DATE: 1999-12-20
                                                    2701 TTGAGTTTCTCAGGTGCTA 2719
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I: Wood, William, I.
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic INVENTION: Acids Encoding the Same
                                                                                                                            o.3%;
Similarity 84.2%;
TTGCCTTACTCAGGTGCTA 19
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Stewart, Timothy A.
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Hillan, Kenneth, J.
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                                                                                                         Conservative
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                                                                                                      0;
                                                                                                                                  Score 14.2; DB 1
Pred. No. 9.5e+02
                                                                                                           Mismatches
                                                                                                                                                                DB 1;
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RESULT 1267. US-09-903-943-124

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NUMBER OF SEC
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
                                                                      PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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APPLICANT:
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                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US99/28214 FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/23089
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FILING DATE: 2000-02-22
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                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                    FILING DATE: 1999-12-16
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FILING DATE: 1999-12-02
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                                                        SEQ ID
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Williams, P. Mickey
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Botstein, David
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Eaton, Dan L.
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art, Timothy A.
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; ORGANISM: Artificial Sequence
; FEATURE;
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-943-124
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US-09-904-462-124
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Publication No.
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Matches 16; Conserv
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION UNMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,462
CURRENT FILING DATE: 2001-07-13
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                               APPLICATION NUMBER: PCT/US99/23089 FILING DATE: 1999-10-05
                                                                                                                                                               FILING DATE: 1999-09-08
                                                                                                                                                                                                            APPLICATION NUMBER: US 60/146,222
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                                                                   FILING DATE:
                                                                                APPLICATION NUMBER: PCT/US99/21547
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                                                                                                              APPLICATION NUMBER: PCT/US99/21090
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   FILING DATE:
                  APPLICATION NUMBER:
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Grimaldi, Christopher
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Botstein, David
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Stewart, Timothy A.
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Filvaroff, Ellen
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Mather, Jennie P.
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Kljavin, Ivar J.
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Gerritsen, Mary E.
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o. US20030054351A1
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1999-11-29
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RESULT 1269
US-09-907-925-124
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         CURRENT APPLICATION NUMBER: US/09/907,925
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR PPLICATION NUMBER: US 60/143,048
PRIOR PPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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PRIOR FILING DATE: 1999-12-16
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les 16; Conserv
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APPLICATION NUMBER: PCT/US99/28565
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FILING DATE: 1999-07-26
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Stewart, Timothy A.
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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APPLICANT: APPLICANT: APPLICANT:

Paoni, Nicholas F. Roy, Margaret Ann Stewart, Timothy A. APPLICANT:

Godowski, Paul J. Grimaldi, Christopher Gurney, Austin L. Hillan, Kenneth, J. Kljavin, Ivar J. Mather, Jennie P.

APPLICANT:

Gerritsen, Mary E. Goddard, A.

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Hanspeter

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Best Local 9
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SEQ ID NO 124
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PRIOR FILING DATE: 2000-01-05
NUMBER OF OT THE PRIOR PR
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TYPE: DNA
ORGANISM: Artificial Sequence
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FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
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APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/20594
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                                  Fong,
                                                                                                                                                                                                                                              Ashkenazi, Avi
Botstein, David
                                                                                  Ferrara, Napoleone
Filvaroff, Ellen
                                                                                                                                                                         Eaton, Dan L.
                                                                                                                                                                                                           Desnoyers,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09902692
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Wei-Qiang
                                               Sherman
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Pred. No. 9.5e+02
0; Mismatches
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PRIOR PILLING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILLING DATE: 1999-07-26
PRIOR PILLING DATE: 1999-07-28
PRIOR PILLING DATE: 1999-07-28
PRIOR PILLING DATE: 1999-07-28
PRIOR PILLING DATE: 1999-09-09-13
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR PILLING DATE: 1999-09-13
PRIOR PILLING DATE: 1999-09-13
PRIOR PILLING DATE: 1999-09-13
PRIOR PILLING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR PILLING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PILLING DATE: 1999-11-09
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Best Local S
Matches 16
                                                                                          GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
                                                                                                                                                                        Sequence 124, Applic Publication No. US20 GENERAL INFORMATION:
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SEQ ID NO 124
LENGTH: 20
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CURRENT FILING DATE: 2001-07-10
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                             APPLICANT:
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PRIOR FILING DATE: 2000-02-22
                                                      APPLICANT:
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                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-11-30
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FILING DATE: 1999-09-13
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FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/28214
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Ferrara, Nap
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                                                 Eaton, Dan L.
                                                                        Desnoyers,
                                                                                                                                                                                                                       Application US/09903520
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                                                                                                                                                                                                     US20030054401A1
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Napoleone
f, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3;
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; OTHER INFORMATION: US-09-903-520-124
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CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
PRIOR PILING DATE: 2000-09-18
PRIOR PILING DATE: 2000-02-22
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
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APPLICANT:
APPLICANT:
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICANT:
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                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                  FEATURE:
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OR APPLICATION NUMBER: PCT/US99/20594
OR FILING DATE: 1999-09-08
OR APPLICATION NUMBER: PCT/US99/20944
OR FILING DATE: 1999-09-13
OR APPLICATION NUMBER: PCT/US99/21090
OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/21547
OR APPLICATION NUMBER: PCT/US99/23089
OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
OR FILING DATE: 1999-10-05
OR FILING DATE: 1999-10-05
OR FILING DATE: 1999-10-05
                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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FILING DATE: 1999-11-29
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Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gurney, Austin L.
Hillan, Kenneth, J.
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Grimaldi, Christopher J.
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art, Timothy A.
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A
                 Synthetic Oligonucleotide Probe
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Conservative

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Score 14.2; DB 1 Pred. No. 9.5e+02 Mismatches

Length Indels

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Gaps

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Query Match
Best Local Similarity
Matches 16; Conserv

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TTGCCTTACTCAGGTGCTA

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CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PLING DATE: 2000-02-22
PRIOR PELING DATE: 2000-02-22
PRIOR PELING DATE: 1999-07-07
PRIOR PPLICATION NUMBER: US 60/145,698
PRIOR PPLICATION NUMBER: US 60/146,698
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-29
PRIOR PILING DATE: 1999-07-29
PRIOR PILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR PILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/21090
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APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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CURRENT APPLICATION NUMBER: US/09/905,056
CURRENT FILING DATE: 2002-01-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                        FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/21547 FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/30999
                          APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
                                                                                                                                                                              FILING DATE: 1999-12-02
                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                                                                                                               FILING DATE: 1999-11-29
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/23089 FILING DATE: 1999-10-05
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                                                                                                                                                    APPLICATION NUMBER: PCT/US99/28565
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Gerritsen, Mary E.
Goddard, A.
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Eaton, Dan L.
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: US/09/909,064
CURRENT FILING DATE: 2001-07-18
PRIOR FILING DATE: 2001-07-28
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR PRIOR DATE: 1999-07-28
PRIOR PRIOR DATE: 1999-07-28
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PRIOR PRIOR DATE: 1999-07-28
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SEQ ID NO 124
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 16; Conserv
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                                 APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15 APPLICATION NUMBER: PCT/US99/21547 FILING DATE: 1999-09-15
                                                                                                      FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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APPLICATION NUMBER: PCT/US99/23089 FILING DATE: 1999-10-05
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Grimaldi, Christopher
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Hillan, Kenneth, J.
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Botstein, David
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Mather, Jennie P.
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b. US20030059772A1
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ilarity 84.2%;
Conservative
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art, Timothy A.
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f, Ellen
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Pred. No. 9
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
TYPE: DNA
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Best Local
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
                                                                            CURRENT APPLICATION NUMBER: US/09/904,553
CURRENT FILING DATE: 2002-01-22
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
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Stewart, Timothy A.
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Eaton, Dan L.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Pred. No. 9.5e+02;
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OTHER INFORMATION: Description of A
OTHER INFORMATION: oligonucleotide
US-09-904-553-124
                                                                                                                                                                                                                                                                                                                                                                                       RESULT 1275
US-09-905-381-124
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oest Local Similarity 84.2%;
Matches 16; Conservation
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SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                     GENERAL
                                                                                                                                                                                                                                                                                                                                                      Sequence 124, A Publication No.
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PRIOR FILING DATE: 2000-01-05
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APPLICATION NUMBER: PCT
FILING DATE: 1999-12-20
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FILING DATE: 1999-12-16
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FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/21090
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Gurney, Austin L. Hillan, Kenneth, J. Kljavin, Ivar J. Mather, Jennie P.
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                                                                     Godowski, Paul J.
Grimaldi, Christopher
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                                                                                                           Gerritsen, Mary E. Goddard, A.
                                                                                                                                                  Gerber, Hanspeter
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Botstein, David
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5. US20030059829A1
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Pred. No. 9.5e+02;
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RESULT 1276
US-09-904-485-124
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                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 16; Conserv
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
                                                                             Sequence 124, A Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
SEQ ID NO 124
LENGTH: 20
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PRIOR TILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
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APPLICANT: Wood, William, I.
IITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
IITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/143,048 FILING DATE: 1999-07-07
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APPLICATION NUMBER: PCT/US99/20944
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                                                                                                                                                                                              TTGCCTTACTCAGGTGCTA 19
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Roy, Margaret Ann
Stewart, Timothy A.
                                                                           Application US/09904485 o. US20030064367A1
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                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                      Score 14.2;
Pred. No. 9
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US-09-904-485-124
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CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
                                                                                    NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US00/00219 PRIOR FILING DATE: 2000-01-05
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CURRENT ADDITIONS.
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                     ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Synthetic
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OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/23089
OR FIÏNG DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR APPLICATION NUMBER: PCT/US99/28313
OR APPLICATION NUMBER: PCT/US99/28313
OR APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                           FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
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FILING DATE: 1999-12-02
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                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US99/30095
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Grimaldi,
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Filvaroff, Ellen
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Mather, Jennie P.
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Hillan, Kenneth, J.
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art, Timothy A.
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                     Synthetic Oligonucleotide Probe
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US-09-905-348-124
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CURRENT FILING DATE: 2001-07-13
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILLING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILLING DATE: 1999-07-26
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                                                                                                                                                                                                                               FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28 APPLICATION NUMBER: PCT/US99/20594
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APPLICATION NUMBER: PCT/US99/21090
                                                FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
                                                                                   APPLICATION NUMBER: PCT/US99/28565
                                                                                                    APPLICATION NUMBER: PCT/US99/28564 FILING DATE: 1999-12-02
                                                                                                                                  FILING DATE: 1999-11-30
                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
                                                                                                                                                                                                     FILING DATE:
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APPLICATION NUMBER: PCT/US99/23089
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                                  FILING DATE: 1999-12-16
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Botstein, David
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Stewart, Timothy A.
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Mather, Jennie P.
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Filvaroff, Ellen
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Grimaldi, Christopher
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o. US20030064923A1
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Wei-Qiang
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0; Mismatches 3;
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                  APPLICANT
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les 16; Conserv
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                                                                                                                                Filvaroff, Ellen
Grimaldi, Christopher J. Gurney, Austin L.
                                                                 Gerritsen, Mary E
                                                                                                      Gao,
                               Godowski,
                                                  Goddard, A.
                                                                                   Gerber, Hanspeter
                                                                                                                  Fong,
                                                                                                                                                                                Desnoyers,
                                                                                                                                                                                                    Botstein, David
                                                                                                                                                                                                                 Ashkenazi,
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                                                                                                  Wei-Qiang
                                                                                                                    Sherman
                                                                                                                                                                   yers, Luc
, Dan L.
                                                                                                                                                                                                                                    Inc.
                                Paul J.
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PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe US-09-905-348-124
                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 163
SEQ ID NO 128
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                       FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/888,361
CURRENT FILING DATE: 2001-06-21
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Susan Murray
APPLICANT: Jacqueline
Jacqueline
TITLE OF INVENTION: ANTENSENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                           ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                    1534 AGAAAATCCTGCAGCTCAT 1552
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2701 TTGAGTTTCTCAGGTGCTA 2719
19 AGAACATCCTGCAGTTCCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TTGCCTTACTCAGGTGCTA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/09888361
o. US20030064944A1
                                                                       Conservative
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Pred. No. 9.5e
0; Mismatches
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                                                                                          Score 14.2; DB 1
Pred. No. 9.5e+02
                                                                       Mismatches
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US-09-907-575-124; Sequence 124, Application US/09907575; Publication No. US20030073079A1
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                                                           RESULT 1280
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SEQ ID NO 124
LENGTH: 20
                                                                                                                                                                                   Matches
                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                     OTHER INFORMATION: Synthetic Oligonucleotide -09-905-088-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 09/665,350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/905,088
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                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                  Local
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APPLICATION NUMBER: PCT/US00/04414
FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/143,048 FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/28214
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                                                                                                                                                 2701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-12-20
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16; Conserv
                                                                                                                                                 TTGAGTTTCTCAGGTGCTA 2719
                                                                                                            Treccitacicaeciacia 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Williams, P. Mickey Wood, William, I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tumas, Daniel
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Kljavin, Ivar J.
                                                                                                                                                                                0.3%;
llarity 84.2%;
Conservative
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Pred. No. 9.56
0; Mismatches
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CURRENT APPLICATION NUMBER: US/09/907,575
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR TILING DATE: 2000-02-22
PRIOR FILING DATE: 1099-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
                                                             NUMBER OF SEQ
SEQ ID NO 124
LENGTH: 20
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                                                                                                          PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR EPILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 1909-12-05
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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APPLICANT:
APPLICANT:
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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PRIOR FILING DATE: 1999-09-13
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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FILING DATE: 1999-09-08
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FILING DATE: 1999-12-16
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APPLICATION NUMBER: PCT/US99/28313
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Botstein, David
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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ff, Ellen
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OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide probe

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                                                                                            RESULT 1282
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US-09-905-075-124
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                                                                               US-09-902-759-124
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Sequence 124, Application US/09902759
Publication No. US20030077854A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                                                     Prior application data removed.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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Best Local Similarity
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Publication No. US20030077583A1
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                                                                                                                                                                                                                   Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,075
CURRENT FILING DATE: 2001-07-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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                                                                                                                                                                                                                                                                              FEATURE:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                             2701 TTGAGTTTCTCAGGTGCTA 2719
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                                                                                                                                          1 TTGCCTTACTCAGGTGCTA 19
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Stewart, Timothy A.
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Eaton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mather, Jennie P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Paoni,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Nicholas F.
                                                                                                                                                                                                                                                                            Description of Artificial Sequence: Synthetic oligonucleotide probe
                                                                                                                                                                                                                   0.3%;
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                                                                                                                                                                                                                   Score 14.2; DB 1;
Pred. No. 9.5e+02;
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                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                Length 20
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe US-09-902-759-124
                                                                                                                                                        PRIOR FILING DATE:
NUMBER OF SEQ ID NO
SEQ ID NO 124
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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CURRENT FILING DATE: 2001-07-10
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                               LENGTH: 20
TYPE: DNA
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                                                                    ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US99/30095
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Cao, Wei-Qiang
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Mather, Jennie P.
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Hillan, Kenneth, J.
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f, Ellen
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Sequence 168, Application US/
PULLICATION NO. US20030082534
GENERAL INFORMATION:
APPLICANT: Vogeli, Gabriel
APPLICANT: Vogeli, Feter
APPLICANT: Wood, Linda S.
APPLICANT: Parodi, Luis A.
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US-09-782-974C-168
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US-09-782-974C-139
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US-09-782-974C-139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 192
SOFTWARE: PatentIn version 3.1
SEQ ID NO 139
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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TITLE OF INVENTION: No. US20030082534A1el G Protein Coupled Receptor
FILE REFERENCE: 411USPHRM311
CURRENT APPLICATION NUMBER: US/09/782,974C
CURRENT FILING DATE: 2002-09-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: 60/165,838
PRIOR FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 09/714,449
PRIOR FILING DATE: 2000-11-16
                      APPLICANT: Parodi, Luis A.
TITLE OF INVENTION: No. US20030082534A1el G Protein Coupled Receptor
FILE REFERENCE: 411USPHRM311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/185,554
PRIOR FILING DATE: 2000-02-28
PRIOR APPLICATION NUMBER: 60/186,530
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PRIOR APPLICATION NUMBER: 60/173,396
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/184,129
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    CURRENT APPLICATION NUMBER: US/09/782,974C
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PRIOR FILING DATE: 1999-11-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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ilarity 84.2%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                 Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Best Local
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                                                                                                                                                              APPLICANT:
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f: Williams, P. Mickey
f: Wood, William, I.
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
INVENTION: Acids Encoding the Same
                                                                                Stewart, Timor
Tumas, Daniel
                                                                                                  Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Botstein, David
                                                                                                                                                                                Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                                                                                Grimaldi,
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                                                                                                                                             Paoni,
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A
                                                                                                                                                                                                                                                                                     Paul J.
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; FEATURE:
; OTHER INFORMATION: No. US20030082534A1el Sequence
US-09-782-974C-168
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PRIOR FILLING DATE: 1999-11-16
PRIOR FILLING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/198,568
PRIOR FILLING DATE: 2000-11-16
PRIOR PRIOR PRIOR DATE: 2000-04-20
PRIOR PRILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: 60/166,071
PRIOR FILLING DATE: 1999-11-17
PRIOR PRILING DATE: 1999-11-17
PRIOR PRILING DATE: 1999-11-17
PRIOR APPLICATION NUMBER: 60/173,396
PRIOR PRILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/173,396
PRIOR APPLICATION NUMBER: 60/173,396
PRIOR APPLICATION NUMBER: 60/184,129
PRIOR APPLICATION NUMBER: 60/185,421
PRIOR APPLICATION NUMBER: 60/185,421
PRIOR APPLICATION NUMBER: 60/185,421
PRIOR APPLICATION NUMBER: 60/185,554
PRIOR APPLICATION NUMBER: 60/185,554
PRIOR PILLING DATE: 2000-02-28
                                                                                                                                                                                                                                                                                                                                                  Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 192
SOFTWARE: PatentIn version 3.1
SEQ ID NO 168
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/186,530 PRIOR FILING DATE: 2000-03-02
                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                           1908 CACTCCCTGCAAGAAATCA 1926
                                                                                                         0.3%; al Similarity 84.2%; 16; Conservative
1 CACACCCACCAAGAAATCA 19
                                                                                                                   0
                                                                                                                                               Score 14.2; DB 1;
Pred. No. 9.5e+02;
                                                                                                                   Mismatches
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                                                                                                                                                                              DB 1;
                                                                                                                                                                       Length 20;
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                                                                                                                   0
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Gerber, Hanspeter Gerritsen, Mary E. Filvaroff, Ellen Gurney, Austin L. Hillan, Kenneth, J. Application US/09902634 o. US20030082540A1 James i, Nicholas F. Christopher J.

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PRIOR FILING DATE: 2000-09-18
PRIOR PAPLICATION NUMBER: US 60/143,048
PRIOR PAPLICATION NUMBER: US 60/145,698
PRIOR PAPLICATION NUMBER: US 60/145,698
PRIOR PAPLICATION NUMBER: US 60/146,222
PRIOR PAPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-09-09
PRIOR PILING DATE: 1999-09-13
PRIOR PAPLICATION NUMBER: PCT/US99/2094
PRIOR PILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PILING DATE: 1999-10-05
PRIOR PILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR PILING DATE: 1999-10-05
                                                                                                                                                             APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                         Sequence 124, Application US/09902713 Publication No. US20030082541A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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CURRENT APPLICATION NUMBER: US/09/902,634
CURRENT FILING DATE: 2001-07-10
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                                                                     Gao, Wei-Qiang
                      Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                       Ferrara, Napoleone
Filvaroff, Ellen
Goddard,
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Pred. No. 9.5e
0; Mismatches
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PRIOR APPLICATION NUMBER: 09/65,350
PRIOR PILING DATE: 2000-09-18
PRIOR PILING DATE: 2000-09-18
PRIOR PILING DATE: 2000-09-18
PRIOR PILING DATE: 2000-02-22
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-28
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                                                                                                                                                                ; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-713-124
                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
                                                                                 Matches
                                                                                                                      Query Match
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PRIOR FILING DATE: 2000-01-05
NUMBER OF THE PRIOR FILING DATE: 2000-01-05
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                                                                                                     Local
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FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/28313 FILING DATE: 1999-11-30
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APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1999-12-02
                                       2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                                 l Similarity
16; Conserv
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TTGCCTTACTCAGGTGCTA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tumas, Daniel Williams, P. Mickey Wood, William, I.
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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                                                                                 Conservative
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                                                                                                  0.3%;
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                                                                                                     Score 14.2; DB 1
Pred. No. 9.5e+02
                                                                                 Mismatches
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                                                                                                                           DB 1;
                                                                                                                        Length 20;
                                                                                 Indels
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                                                                               Gaps
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RESULT 1287 US-09-907-979-124

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NUMBER OF SEQ ID NOS:
SEQ ID NO 124
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CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14
                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 1999-09-08
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PRIOR FILING DATE: 1999-07-07
                   ORGANISM: Artificial Sequence
                                       TYPE: DNA
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FEATURE:
                                                          LENGTH: 20
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                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/30999
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No. US20030082542A1
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Botstein, David
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Roy, Margaret Ann
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Grimaldi, Christopher
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe US-09-907-979-124
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US-09-912-724-23/c
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                                                                                                                  , OTHER INFORMATION: Antisense Oligonucleotide US-09-915-485-25
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US-09-915-485-25/c
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                                                                                                                                             TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION FILE REFERENCE: RTS-0251
CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local S
Matches 16
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APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
FILE REFERENCE: ISPH-0584
CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 63
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 23, Application US/09912724
Publication No. US20030083280A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                           Sequence 25, Application US/09915485 Publication No. US20030083281A1 GENERAL INFORMATION:
                                                         Matches
                                                                     Query Match
Best Local 9
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                                                                                                                                                                                                                                                                                               APPLICANT: Mark J. Graham APPLICANT: Susan M. Frei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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                           1788 CTCTCCAAGGGGCAGGGAA 1806
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                                                                        Similarity
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                                                                        Score 14.2;
Pred. No. 9
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Pred. No. 9.5e+02;
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Pred. No. 9
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RESULT 1290 US-09-915-485-26/c

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; Sequence 39, Application US/09915485
; Publication No. US20030083281A1
                                                                                                                                                                                                                                                                               RESULT 1292
US-09-915-485-89/c
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                                                                 APPLICANT: Mark J. Graham

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION

FILE REFERENCE: RTS-0251

CURRENT APPLICATION NUMBER: US/09/915,485

CURRENT FILING DATE: 2001-07-25

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 89
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SEQ ID NO 39
LENGTH: 20
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/915,485
CURRENT FILING DATE: 2001-07-25
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CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 89
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mark J. Graham APPLICANT: Susan M. Frei
             TYPE: DNA
ORGANISM: Artificial Sequence
                                                   LENGTH: 20
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OTHER INFORMATION: Antisense Oligonucleotide
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ORGANISM: Artificial Sequence
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FEATURE:
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Local Similarity 84.2%;
hes 16; Conservative
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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APPLICANT: Bratzler, Robert L.
APPLICANT: Bretzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: FOUTON, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Aci
TITLE OF INVENTION: Treatment of Asthma and Alle
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 48
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                                                    ; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-48
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No.
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Best Local Similarity
Matches 16; Conserv
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Query Match
Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
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                                                                                                       FEATURE:
NAME/KEY: modified base
LOCATION: (8)...(8)
OTHER INFORMATION: m5c
                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                 TYPE: DNA
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;al Similarity 84.2%;
16; Conservation-
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0.3%;
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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 Score 14.2; DB 1;
Pred. No. 9.5e+02;
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              Length 20;
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                                                                                       ; OTHER INFORMATION: Synthetic Sequence US-09-776-479-1055
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                          Query Match
Best Local :
                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1055, Application US/09776479 Publication No. US20030087848A1
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Best Local Similarity
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 48
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APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR PILING DATE: 2000-02-03
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APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-03
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR PILING DATE: 2000-02-03
                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: m5c
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ORGANISM: Artificial Sequence
                                                                                                                                  FEATURE:
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y Match 0.3%;
Local Similarity 84.2%;
hes 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
    Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e+02;
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                                           Length 20;
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      Indels
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    Gaps
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APPLICANT: Petersen, Deanna M.
APPLICANT: Petersen, Deanna M.
APPLICANT: Pouron, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOPTMARE: PastSEQ for Windows Version 3.0
SEQ ID NO 1055
LENGTH: 20
    RESULT 1299

US-09-953-611-28/c

; Sequence 28, Application US/09953611

; Publication No. US20030087855A1
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US-09-776-479-1055/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-033-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 24, Application US/09920033

Publication No. US20030087853A1

GENERAL INFORMATION:

APPLICANT: Rosanne M. Crooke

APPLICANT: Mark J. Graham

TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
FILE REFERENCE: ISPH-0592
                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                    Query Match 0.3%;
Best Local Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/920,033
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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ilarity 84.2%;
Conservative
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
0; Mismatches 3;
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Gaps

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ORGANISM: Artificial Sequence PEATURE:
OTHER INFORMATION: Description OTHER INFORMATION: oligonucle US-09-902-615-124
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                                                                                                                                                    FILE REFERENCE: 10466-14
CURRENT APPLICATION HUMBER: US/09/902,615
CURRENT FILING DATE: 2001-12-14
Prior application data removed. Check fil
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
Query Match
Best Local Similarity
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SEQ ID NO 28
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE R EXPRESSION
FILE REFERENCE: RTS-0208
CURRENT APPLICATION NUMBER: US/09/953,611
CURRENT FILING DATE: 2001-09-13
                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                   APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
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nes 16; Conserv
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                            Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Fong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Godowski, Paul J.
Grimaldi, Christopher J.
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Filvaroff, Ellen
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Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                  Pan, James
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                                                                  oligonucleotide probe
                                                                                  Description of Artificial Sequence: Synthetic
0.3%;
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Pred. No. 9.5e+02;
0; Mismatches 3;
Score 14.2; DB 1;
Pred. No. 9.5e+02;
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                Length 20;
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US-09-845-042-16/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-76
                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-967-669-76/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/845,042
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 16
                                                                                                                                                                                  SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 76, Application US/09967669
Publication No. US20030092650A1
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                                                                   Matches
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Best Local
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION FILE REFERENCE: RTS-0259 CURRENT APPLICATION NUMBER: US/09/967,669 CURRENT FILING DATE: 2001-09-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                            APPLICANT: C. Frank Bennett APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SANTODONATÓ, LAURA
APPLICANT: D'AGOSTINO, GIUSEPPINA
TITLE OF INVENTION: METHOD FOR GENERATING HIGHLY ACTIVE HUMAN DENDRITIC
TITLE OF INVENTION: CELLS FROM MONOCYTES
FILE REFERENCE: 618742-8/JP/B-4161
FILE REFERENCE: 618742-8/JP/B-4161
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                 669 TACAGAATTCTGCCCAATG 687
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                                                                                                                                                                                                                                                                                                                                           Susan M.
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PARLATO, STEFANIA
DI PUCCHIO, TIZIANA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LAPENTA, CATERINA
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                                                                   Conservative
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Pred. No. 9.5e+02;
                                                                 Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3
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                                                                                                     DB 1;
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RESULT 1303
US-09-903-925-124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/665,350 PRIOR FILING DATE: 2000-09-18 PRIOR APPLICATION NUMBER: PCT/US00/0-
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,925
CURRENT FILING DATE: 2001-07-11
CURRENT FILING DATE: 2001-07-11
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OR FILING DATE: 2000-02-22
OR APPLICATION NUMBER: US 60/143,048
OR FILING DATE: 1999-07-07
OR APPLICATION NUMBER: US 60/145,698
OR APPLICATION NUMBER: US 60/146,222
OR APPLICATION NUMBER: US 60/146,222
OR FILING DATE: 1999-07-28
                                                        FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT
FILING DATE: 1999-12-20
                  APPLICATION NUMBER: PCT/US00/00219 FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                             APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                   FILING DATE: 1999-12-16
                                                                                                                                                                                            FILING DATE: 1999-12-02
                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                       FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/28313 FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/20944 FILING DATE: 1999-09-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/20594 FILING DATE: 1999-09-08
                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/21090
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Stewart, Timothy A.
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Kljavin, Ivar J.
Mather, Jennie P.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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o. US20030096233A1
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NOS:
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FILTE OF INVENITORS

FILTE REPERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/906,760A

CURRENT FILING DATE: 2001-07-16

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR FILING DATE: 1999-07-28

PRIOR PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR PILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-11-29

PRIOR PRIOR FILING DATE: 1999-11-29

PRIOR FILING DATE: 1999-11-29

PRIOR PILING DATE: 1999-11-29

PRIOR FILING DATE: 1999-11-29
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US-09-906-760A-124
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No
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Best Local Similarity
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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eshkenazi, Avi
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NUMBER: PCT/US99/28313
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Ef, Ellen
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Pred. No. 9.5e+02
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RESULT 1306
US-09-870-406A-15/c
US-09-870-406A-15/c
; Sequence 15, Application US/09870406A
; Publication No. US20030104379A1
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-144
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SEQ ID NO 144
LENGTH: 20
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
GENERAL INFORMATION:
APPLICANT: LACARIAS, JOHN
APPLICANT: KOICHI, TAKAYUKI
APPLICANT: FRANKENBERG, NICOLE
APPLICANT: GAMBETTA, GREGORY
                                                                                                                                                                                                                                                                                             Best Local Similarity 84.2 Matches 16; Conservative
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Publication No. US20030096771A1
GENERAL INFORMATION:
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APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
FILE REFERENCE: ISPH-0587
CURRENT APPLICATION NUMBER: US/09/915,814
CURRENT FILING DATE: 2001-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Madeline M. Butler APPLICANT: Andrew T. Watt
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                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-12-02
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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                                                                                                                                                                                                                                                                                                                                Length 20;
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US-09-903-823-124
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; OTHER INFORMATION: Primer
US-09-870-406A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 1307
CURRENT APPLICATION NUMBER: US/09/903,823
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local (
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION UNMBER: 60/271,758
PRIOR FILING DATE: 2001-02-26
PRIOR APPLICATION UNMBER: 60/210,286
PRIOR APPLICATION UNMBER: 60/210,286
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                   TITLE OF INVENTION: Secreted and Transmembrane Polypeptides TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 407T-907720US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: HY2 FAMILY OF BILIN REDUCTASES
                                                                                                                                                                                                    FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                           APPLICANT:
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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5. US20030104381A1
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f, Ellen
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Pred. No. 9.5e+02;
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FILING DATE: 1999-09-13

APPLICATION NUMBER: PCT/US99/21090

FILE REFERENCE: 10466-14

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US-09-907-652-124
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US-09-903-823-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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Best Local
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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FILING DATE: 1999-12-16
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FILING DATE: 1999-12-02
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 INVENTION:
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16; Conserv
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Williams, P. Mickey
Wood, Williams, I.
Wood, William, I.
FENTION: Secreted and Transmembrane Polypeptides and
FENTION: Acids Encoding the Same
                                                                                Roy, Margaret Ann
Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Filvaroff, Ellen
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
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                                                                                                                                     Pan, James
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                                                                  Tumas, Daniel
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o. US20030104469A1
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                                                                                                                   Nicholas F.
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Pred. No. 9.5e+02
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                   Nucleic
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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: oligonucleotide probe US-09-907-652-124
APPLICANT: Zarling, David
APPLICANT: Sena, Elissa P.
TITLE OF INVENTION: In Vivo Homologous Sequence Tar
FILE REFERENCE: A-64580-5/RFT/NBC
CURRENT APPLICATION NUMBER: US/09/990,433
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: US 09/079,877
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 08/910,415
PRIOR APPLICATION NUMBER: US 08/910,415
PRIOR APPLICATION NUMBER: US 08/910,415
PRIOR APPLICATION NUMBER: US 60/041,173
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US-09-990-433-7
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NUMBER OF SEQ
; SEQ ID NO 124
FRIGHH: 20
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APPLICANT: Pati, Susi,
APPLICANT: Zarling,
APPLICANT: Sena, El
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR TILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 1999-09-13
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Best Local :
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CURRENT FILING DATE: 2002-01-16
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR FILING DATE: 1999-12-02
OR FILING DATE: 1999-12-02
OR FILING DATE: 1999-12-16
OR FILING DATE: 1999-12-16
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OR PILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: 1999-12-16
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APPLICATION NUMBER: PCT/US99/30999
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16; Conservat
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Pred. No. 9
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23
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; ORGANISM: Homo sapiens
US-09-990-433-7
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US-09-902-572A-124
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
FILE REFERENCE: RTS-0302
CURRENT APPLICATION NUMBER: US/09/993,731
CURRENT FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 23
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: (
APPLICANT: APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 09/927,160
PRIOR FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 12
                                                                                                                                       APPLICANT:
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ORGANISM: Artificial Sequence
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Local Similarity 84.2%;
es 16; Conservative
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Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Gao, Wei-Qiang
                                                              Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
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Botstein, David
Kljavin, Ivar J.
Mather, Jennie P.
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                                                                                                                                                                                                                                     Gerritsen, Mary E.
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Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e+02;
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US-09-902-979-124
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PRIOR FILING DATE: 2000-02-22
PRIOR PELING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR PRIOR PRIOR DATE: 1999-09-15
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LENGTH: 20
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/09/902,572A
CURRENT FILING DATE: 2001-07-10
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NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
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                        PPLICANT
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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16; Conserv
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Gao, Wei-Qiang
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Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
                                                            Godowski, Paul J.
Grimaldi, Christopher
                                                                                                                           Gerber, Hanspeter
Gerritsen, Mary E.
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Filvaroff, Ellen
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Botstein, David
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Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                         Goddard, A.
                                                                                                                                                                                                                                                          Eaton, Dan L.
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Pred. No. 9.5e+02;
0; Mismatches 3
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Mather, Jennie P.

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RESULT 1313
US-09-905-125-124
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
TLENGTH: 20
                                                                GENERAL
                                                                                Sequence 124, Application US/09905125 Publication No. US20030113719A1
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Best Local Similarity
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APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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CURRENT FILING DATE: 2001-07-10
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ITTLE OF INVENTION: Acids Encoding the Same
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FILLING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/23089
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                                                                INFORMATION:
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                                                                                                                                                                                                                                                                             Conservative
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0; Mismatches
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US-09-905-125-124
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PRIOR APPLICATION NUMBER: 09/665,350
PRIOR PELLING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28313
                                                                                          NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
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                                            ORGANISM: Artificial Sequence FEATURE:
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                        OTHER INFORMATION:
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FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US99/30999 FILING DATE: 1999-12-20
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Hillan, Kenneth, J.
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Filvaroff, Ellen
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Mather, Jennie P.
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                      Synthetic Oligonucleotide Probe
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RESULT 1314
US-09-906-815A-124
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Matches 16; Conservative
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CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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                           OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: 1999-12-16
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FILING DATE: 1999-11-29
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FILING DATE: 1999-10-05
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                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                                                                                                 FILING DATE: 1999-09-15
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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p. US20030113838A1
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art, Timothy A.
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OTHER INFORMATION: oligonucleotide
US-09-906-815A-124
                                               PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: DCT/US99/20594
PRIOR APPLICATION NUMBER: DCT/US99/20944
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 1999-09-13
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
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Publication No.
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Best Local
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/905,449
CURRENT FILING DATE: 2000-09-18
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                                   APPLICATION NUMBER: PCT/US99/21090
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16; Conserv
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Botstein, David
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5. US20030129592A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nicholas F.
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                                                                                                                                                                                                                                                                                                                                                                                                                  Daniel
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                   -60-666
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PCT/US99/21547
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Pred. No. 9.
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                                                                                                                                                           ; TYPE: DNA; ORGANISM: Artificial Sequence; FEATURE: ; OTHER INFORMATION: primer US-09-791-392A-8
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                                                                            Best Loc
Matches
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Boyd, Robert Simon
APPLICANT: Stamps, Alasdair (
APPLICANT: Terrett, Jonathan
                                                                                                                                                                                                                                                             SEQ ID NO 8
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/09791392A Publication No. US20030130214A1
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Best Local Similarity
Matches 16; Conserva
                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 2543-1-004N
CURRENT APPLICATION NUMBER: US/09/791,392A
CURRENT FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: GB 0004576.5
PRIOR FILING DATE: 2000-02-25
PRIOR APPLICATION NUMBER: GB 031341.1
PRIOR FILING DATE: 2000-12-21
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Stamps, Alasdair Craig
APPLICANT: Terrett, Jonathan Alexander
APPLICANT: Tyson, Kerry Louise
TITLE OF INVENTION: Proteins, Compositions, Diagnostic and
TITLE OF INVENTION: Therapeutic Uses Thereof
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
                                                                            Local Similarity
les 16; Conserv
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FILING DATE: 1999-12-02
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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GACCTGGGGAAGGAAGCTG 2
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nilarity 84.2%;
Conservative (
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84.2%; Pred. No. 9.5e+02;
tive 0; Mismatches 3;
                                                                            <u>,</u>
                                                                            Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3;
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PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-806-124
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Publication No.
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                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                             APPLICANT:
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, F. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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APPLICANT:
APPLICANT:
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                                                                                           APPLICANT:
                                                                                                             APPLICANT:
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CURRENT FILING DATE: 2001-07-11
                                                                                                                                                         APPLICANT: Genentech, Inc.
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                                                                                                                Generali, Ava
Ashkenazi, Ava
Arein, David
                                                                                                                                                                                                                                                                                  TTGCCTTACTCAGGTGCTA 19
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
         Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Fong, o.....
Gao, Wei-Qiang
                                                                                           Desnoyers, Luc
Eaton, Dan L.
Gerritsen, Mary
                                                           Ferrara, Napoleone
Filvaroff, Ellen
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                                                                                                                                                                                       Application US/09904992
o. US20030135025A1
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APPLICANT:

Goddard, A.

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                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe US-09-904-992-124
                                                                Matches
                                                                               Query Match
Best Local :
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SEQ ID NO 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR DATE: 2000-02-22
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CURRENT FILING DATE: 2002-01-22
                                                                                                                                                                                                ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/146,222
                               2701
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APPLICATION NUMBER: PCT/US00/00219
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FILING DATE: 1999-09-13
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                                                                l Similarity 84.:
16; Conservative
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                             TTGAGTTTCTCAGGTGCTA 2719
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TTGCCTTACTCAGGTGCTA 19
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Wood, William,
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Stewart, Timothy A.
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                                                                              0.3%;
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                                                                0,
                                                              Score 14.2; D
Pred. No. 9.5e
0; Mismatches
                                                            J.5e+02;
3;
                                                                                                 ВB
                                                                                             Length 20
                                                                Indels
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                                                                Gaps
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RESULT 1319

ORGANISM: Artificial Sequence

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US-09-904-838-124
                                 PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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PRIOR FILING DATE: 2000-02-22
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CURRENT FILING DATE: 2001-09-18
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/20944
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                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/30095
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Cao, Wei-Qiang
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Hillan, Kenneth, J.
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Ferrara, Napoleone
Filvaroff, Ellen
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Stewart, Timothy A.
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Gerritsen, Mary E.
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5. US20030148370A1
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PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,777
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 2000-02-22
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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FILING DATE: 1999-09-08
                       APPLICATION NUMBER: PCT/US99/28214
                                                             APPLICATION NUMBER: PCT/US99/23089
                                                                                    FILING DATE: 1999-09-15
                                                                                                       APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1999-11-29
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Grimaldi, Christopher i
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Stewart, Timothy A.
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Eaton, Dan L.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Botstein, David
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                                          1999-10-05
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Pred. No. 9.5e+02;
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
LENGTH: 20
TYPE: DNA
         APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 1900-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
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Best Local (
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
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Hillan, Kenneth, J.
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f, Ellen
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60/146,222
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Pred. No. 9.5e+02;
D; Mismatches
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 124
LENGTH: 20
TYPE: DNA
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                                                                                                                               JICANT:
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FILING DATE: 1999-12-02
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FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT/US99/23089
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APPLICATION NUMBER: PCT/US99/20944
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                                                                                                                                                                                                                                     Genentech, Inc.
Ashkenazi, Avi
Botstein, David
Desnoyers, Luc
Desnoyers, Luc
Desnoyers, Elecon, Dan Luc
Ferrara, Napoleone
Filvaroff, Ellen
                                                                          Goddard, A.
Goddwski, Paul J.
Goddwski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gao, Wei-Qiang
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Roy, Margaret Ann
Stewart, Timothy A.
                                                              Kljavin, Ivar J.
Mather, Jennie P.
                                Paoni,
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                                Nicholas F.
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Pred. No. 9.5e+02;
0; Mismatches 3;
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; Sequence 124, Application US; Publication No. US2003015299; GENERAL INFORMATION; APPLICANT: Genentech, Inc.; APPLICANT: Botstein, David; APPLICANT: Botstein, David; APPLICANT: Desnoyers, Luc; APPLICANT: Eaton, Dan L.

Application US/09904766 5. US20030152999A1

Ashkenazi, Avi Botstein, David

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APPLICANT: APPLICANT:

Ferrara, Na Filvaroff,

Napoleone f, Ellen

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RESULT 1323
US-09-904-766-124
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Best Local S
Matches 16
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
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                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic Oligonucleotide Probe
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OR FILING DATE: 1999-09-13
OR APPLICATION NUMBER: PCT/US99/21090
OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/21547
OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
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OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
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OR APPLICATION NUMBER: PCT/US99/28564
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OR APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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APPLICATION NUMBER: PCT
FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT
FILING DATE: 1999-12-16
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                                                                                                                                                                        Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3
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Fong,

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                                                           Query Match
Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 124
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
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CURRENT FILING DATE: 2001-07-12
                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                            ENGTH:
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2701 TTGAGTTTCTCAGGTGCTA 2719
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CATION NUMBER: PCT/US99/21547
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Stewart, Timothy A.
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Kljavin, Ivar J.
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Mather, Jennie P.
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Grimaldi, Christopher
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llarity 84.2%;
Conservative
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                                                                                                                                                         Description of Artificial Sequence: Synthetic oligonucleotide probe
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                                                         Score 14.2; DB 1;
pred. No. 9.5e+02;
0; Mismatches 3;
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US-09-904-920A-124
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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           (OR APPLICATION NUMBER: PCT/US99/30095
(OR FILING DATE: 1999-12-16
(OR APPLICATION NUMBER: PCT/US99/30911
(OR FILING DATE: 1999-12-20
(OR APPLICATION NUMBER: PCT/US99/30999
(OR APPLICATION NUMBER: PCT/US09/00219
(OR APPLICATION NUMBER: PCT/US00/00219
(OR APPLICATION NUMBER: PCT/US00/00219
(OR FILING DATE: 2000-01-05
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APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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FILING DATE: 1999-09-13
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FILING DATE: 1999-09-08
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FILING DATE: 1999-12-02
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FILING DATE: 1999-12-02
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Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gurney, Austin L.
Hillan, Kenneth, J.
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2000-01-05
)S: 423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ivar J.
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US-09-904-877A-124
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                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Genentecl
APPLICANT: Ashkena
APPLICANT: Botstei
                                                                                                                                                                                                          Sequence 124, Application US/09904877A Publication No. US20030186358A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 33, Application US/09851871 Publication No. US20030176374A1 GENERAL INFORMATION:
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Matches 16; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.0 EQ ID NO 33 LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: ISPH-0543
CURRENT APPLICATION NUMBER: US/09/851,871
CURRENT FILING DATE: 2001-05-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Karras, James G.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bennett, Clarence Frank APPLICANT: Vickers, Timothy A.
                                                                                       APPLICANT:
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TYPE: DNA
                                                         APPLICANT:
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                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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TH: 20
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                                                Genentech, Inc.
Ashkenazi, Avi
Botstein, David
Desnoyers, Luc
Eatcon, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
Fong, Sherman
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                       Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
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Pred. No. 9.
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Pred. No. 9.5e+02;
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RESULT 1327

US-09-903-562-124

Sequence 124, Application No. US20 GENERAL INFORMATION

Application US/09903562 o. US20030187238A1

APPLICANT: Genentech, Inc. APPLICANT: Ashkenazi, Avi

Ashkenazi, Avi Botstein, David

APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:

Desnoyers, Luc Eaton, Dan L. Ferrara, Napoleone Filvaroff, Ellen

APPLICANT:

APPLICANT:

Fong, Successions Gao, Wei-Qiang

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                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe US-09-904-877A-124
                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1999-11-29
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
                                                                                       Query Match
Best Local
                                                                      Matches
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/904,877A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
                                                                                                                                                                                              TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/145,698
FILLING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
                      2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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                                                                    l Similarity
16; Conserv
TTGCCTTACTCAGGTGCTA 19
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Mather, Jennie P.
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                                                                      Conservative
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                                                                                       0.3%;
                                                                    Pred. No. 9.5e+02;
0; Mismatches 3
                                                                                       Score 14.2;
Pred. No. 9
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                                                                                                        DB 1;
                                                                                                    Length
                                                                        Indels
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Gerritsen, Mary E.

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                                                                                                                                                   ; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-562-124
                                                                                         Query Match
Best Local
                                                                         Matches
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EQ ID NO 124
LENGTH: 20
                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       URRENT APPLICATION NUMBER: US/09/903,562
URRENT FILING DATE: 2001-07-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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APPLICATION NUMBER: US 60/146,222
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                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/23089
                                    2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                                                                                                                                                                                                                                                                                                                                                                                                   LING DATE: 1999-12-02
                                                                         l Similarity 84.:
16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IG DATE: 1999-10-05
CATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10466-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Daniel
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                                                                                         0.3%;
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                                                                         0;
                                                                     Score 14.2; D
Pred. No. 9.5e
O; Mismatches
                                                                                       9.5e+02
                                                                                                            DB 1; Length 20;
                                                                         Indels
                                                                         <u>,</u>
                                                                         Gaps
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RESULT 1328

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US-09-906-618-124
                NUMBER OF SEQ 1
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
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                                                                                        PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides

TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT/US99/23089
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                                                                                                                                                                      APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/30095 FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28565
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                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                                                     LING DATE: 1999-12-02
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Hillan, Kenneth, J.
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5. US20030190610A1
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art, Timothy A.
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; OTHER INFORMATION:
; OTHER INFORMATION:
US-09-906-618-124
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US-09-907-728-124
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Publication No.
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,728
CURRENT FILING DATE: 2001-07-17
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                                PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
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Local Similarity 84.2%;
                                                                                                                                             APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 60/145,698 FILING DATE: 1999-07-26
                                                                                                       APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
                                                                                                                                                                                                                                      APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28
                                                                                           FILING DATE: 1999-09-15
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Ashkenazi, Avi
IG DATE: 1999-11-29
CATION NUMBER: PCT/US99/2831?
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Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
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Botstein, David
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Filvaroff, Ellen
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D. US20030190611A1
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Pred. No. 9
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local (
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
APPLICANT: Wood, William, I.
APPLICANT: Wood, William, I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OP INVENTION: Acids Encoding the Same
FILE REPERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,805
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/143,048
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APPLICANT:
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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FILING DATE: 1999-12-16
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FILING DATE: 1999-12-02
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FILING DATE: 1999-12-02
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16; Conserv
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Cao, Wei-Qiang
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Botstein, David
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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Eaton, Dan L.
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Mather, Jennie P.
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Gerritsen, Mary E.
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o. US20030211568A1
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84.2%;
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Pred. No. 9.5e
0; Mismatches
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FILING DATE: 1999-07-07

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Best Local
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SEQ ID NO 124
LENGTH: 20
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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APPLICATION NUMBER: PCT/US99/28564
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16; Conserv
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                                                                   Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
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Gerritsen, Mary E.
Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                            Goddard, A.
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Botstein, David
                                                        Pan, James
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Pred. No. 9.
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Sequence 124, Applic Publication No. US20 GENERAL INFORMATION:

Application US/09906722A o. US20030215904A1

APPLICANT:

APPLICANT: Genentech, Inc

APPLICANT:

APPLICANT:

Ferrara, N. Filvaroff, Desnoyers, Luc Eaton, Dan L. Ashkenazi, Avi Botstein, David

Napoleone f, Ellen

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RESULT 1332
US-09-906-722A-124
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                                                                                                                                                                                     Query Match
Best Local S
Matches 16
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SEQ ID NO 124
LENGTH: 20
TYPE: DNA
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
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                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR FILING DATE: 1999-12-02
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OR APPLICATION NUMBER: PCT/US99/20594
OR FILING DATE: 1999-09-08
OR APPLICATION NUMBER: PCT/US99/20944
OR FILING DATE: 1999-09-13
OR APPLICATION NUMBER: PCT/US99/21090
OR FILING DATE: 1999-09-15
OR FILING DATE: 1999-09-15
                                                                                                                                                                                     9 Match 0.3%;
Local Similarity 84.2%;
hes 16; Conservative
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APPLICATION NUMBER: PCT/US00/00219
FILING DATE: 2000-01-05
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APPLICATION NUMBER: US 60/145,698
FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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                                                                                               TTGCCTTACTCAGGTGCTA 19
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Pred. No. 9.
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Fong,

Sherman

Gerber,

Hanspeter

Wei-Qiang

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                                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic ; OTHER INFORMATION: oligonucleotide probe US-09-906-722A-124
                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
                                                                  Matches
                                                                                  Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
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PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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PRIOR FILING DATE: 1999-12-02
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                                                                                                                                                                                                                                           TYPE: DNA
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TILE OF INVENTION: Access Encoding the Same
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APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PCT/US99/20944
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2701 TTGAGTTTCTCAGGTGCTA 2719
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                                                              l Similarity
16; Conserv
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Hillan, Kenneth, J.
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wood, William, I.
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Stewart, Timothy A.
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Mather, Jennie P.
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Grimaldi, Christopher J.
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llarity 84.2%;
Conservative
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                                                              0
                                                                              Score 14.2; DB 1;
Pred. No. 9.5e+02;
                                                                Mismatches
                                                                                                   DB 1;
                                                                                                 Length 20;
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                                                              Gaps
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                                                                          FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-908-576-124
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NUMBER OF SEQ ID
SEQ ID NO 124
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                                      Query Match
 Best Local Similarity
Matches 16; Conserv
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
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CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: US/09/665,350B
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                              LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICATION NUMBER: PCT
FILING DATE: 1999-09-15
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Cao, Wei-Qiang
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Tumas, Daniel
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Botstein, David
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ferrara, Napoleone
Filvaroff, Bllen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kljavin, Ivar J.
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 Conservative
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                                                                                                                                                                                                                          Application data removed - NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Margaret Ann
art, Timothy A.
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                   0.3%;
                                                                                                                                                                                                                                                                                                                     PCT/US99/21547
Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3;
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                                     Length 20;
 Indels
 0
 Gaps
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TTGAGTTTCTCAGGTGCTA 2719

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US-10-006-611-21/c
; Sequence 21, Application US/10006611
; Publication No. US20020166137A1
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                                                                                                                                                                  RESULT 1336
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-960-143-50
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-960-143-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 1334
US-09-960-143-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/960,143
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 50
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/960,143
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 18
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 18, Application US/09960143 Publication No. US20040043948A1 GENERAL INFORMATION:
                                                                                         GENERAL INFORMATION:
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Best Local
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APPLICANT: Nezu, Jun-Ichi
APPLICANT: Ose, Asuka
APPLICANT: Jishage, Kou-ichi
APPLICANT: Jenne, Dieter E.
TITLE OF INVENTION: LKB1 GENE KNOCKOUT ANIMALS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 8 EXPRESSION
FILE REFERENCE: RTS-0266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 8 EXPRESSION
FILE REFERENCE: RTS-0266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                    0.3%;
Local Similarity 84.2%;
hes 16; Conservaring
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16; Conserv
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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FILE REFERENCE: 06501-094001
CURRENT APPLICATION NUMBER: US/10/006,611
CURRENT FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: PCT/JP00/03504
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: JP 11/153030
PRIOR FILING DATE: 1999-05-31
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 21
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 1337
                                   CURRENT APPLICATION NUMBER: US/10/066,500
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR FILING DATE: 1997-09-18
PRIOR FILING DATE: 1997-09-18
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Best Local S
Matches 16
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                                                                                                                                                                                                                                            APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3130R1C7
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
APPLICATION NUMBER: 60/059588 FILING DATE: 1997-09-17
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William I. Wood
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wei-Qiang Gao
Hanspeter Gerber
Mary E. Gerritsen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kevin P. Baker
David A. Botstein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/10066500
No. US20020177165A1
                                                                                                                                                                                                                                                                                                                                                             Colin K. Watanabe
                                                                                                                                                                                                                                                                                                                                                                                                       Margaret Ann Roy
Timothy A. Stewart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dan L. Eaton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nicholas F. Paoni
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Jennie P. Mather
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Austin L. Gurney
Ivar J. Kljavin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Audrey Goddard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sherman Fong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Napoleone Ferrara
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Pred. No. 9.5e+02;
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PELICATION	ILLING DATE PPLICATION
NUMBER: 09	NUMBER: 09/25431 1999-03-03 NUMBER: 09/25446 1999-03-05 1999-03-05 1999-03-05 1999-06-14 NUMBER: 09/33292 1999-06-14 NUMBER: 09/33292 1999-06-14 NUMBER: 09/33307 1999-06-14 NUMBER: 09/33307 1999-06-14 NUMBER: 09/38013 1999-08-25 NUMBER: 09/38013 1999-08-25 NUMBER: 09/40329 1999-10-18 NUMBER: 09/40329 1999-10-18 NUMBER: 09/40329 1999-10-18 NUMBER: 09/40329 1999-11-10 1999-

PRIOR PRIOR

FILING DATE: 1998-09-17 APPLICATION NUMBER: 60/101922

NUMBER: 60/100858

OR FILING DATE: 1998-08-18
OR APPLICATION NUMBER: 60/099601
OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099803
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099811
OR APPLICATION NUMBER: 60/099811
OR APPLICATION NUMBER: 60/099812
OR APPLICATION NUMBER: 60/099812
OR APPLICATION NUMBER: 60/099812
OR APPLICATION NUMBER: 60/100858

DR FILING DATE: 1998-02-09
DR APPLICATION NUMBER: 60/079294
DR FILING DATE: 1998-03-25
DR PILING DATE: 1998-04-08
DR APPLICATION NUMBER: 60/081049
DR APPLICATION NUMBER: 60/095998
DR APPLICATION NUMBER: 60/097000
DR APPLICATION NUMBER: 60/097000

DR FILING DATE: 1997-10-29

RAPPLICATION NUMBER: 60/066364

DR FILING DATE: 1997-11-21

DR APPLICATION NUMBER: 60/066840

DR FILING DATE: 1997-11-25

DR APPLICATION NUMBER: 60/066694

OR APPLICATION NUMBER: 60/074086

OR APPLICATION NUMBER: 60/074086

OR APPLICATION NUMBER: 60/074096

OR APPLICATION NUMBER: 60/074092

DR APPLICATION NUMBER: 60/062816
DR FILLING DATE: 1997-10-24
DR APPLICATION NUMBER: 60/063082
DR FILLING DATE: 1997-10-31
DR APPLICATION NUMBER: 60/063329
DR FILING DATE: 1997-10-27
DR APPLICATION NUMBER: 60/063733

OR FILING DATE: 1998-09-24
OR APPLICATION NUMBER: 60/106032
OR PELLING DATE: 1998-10-28
OR APPLICATION NUMBER: 60/109304
OR APPLICATION NUMBER: 60/109304
OR APPLICATION NUMBER: 60/125778
OR APPLICATION NUMBER: 60/125778
OR APPLICATION NUMBER: 60/145070
OR APPLICATION NUMBER: 60/145070
OR FILING DATE: 1999-07-26
OR FILING DATE: 1999-07-26
OR APPLICATION NUMBER: 60/145090
OR APPLICATION NUMBER: 60/149396
OR FILING DATE: 1999-08-17
OR APPLICATION NUMBER: 60/169495
OR FILING DATE: 1999-12-07
OR APPLICATION NUMBER: 08/933821
OR APPLICATION NUMBER: 08/933821
OR APPLICATION NUMBER: 09/933821
OR APPLICATION NUMBER: 09/933821
OR APPLICATION NUMBER: 09/933821
OR APPLICATION NUMBER: 09/136801
OR APPLICATION NUMBER: 09/136801
OR APPLICATION NUMBER: 09/136801
OR APPLICATION NUMBER: 09/136801
OR APPLICATION NUMBER: 09/136804
OR FILING DATE: 1998-08-19
OR APPLICATION NUMBER: 09/136828
OR FILING DATE: 1998-08-19
OR APPLICATION NUMBER: 09/158342

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CURRENT APPLICATION NUMBER: US/10/004,551
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 09/635,949
PRIOR FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 110
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 95
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                        US-10-180-762-9
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Best Local S
Matches 16
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SOFTWARE:
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                                                       APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
FILE REFERENCE: '99-12C3
CURRENT APPLICATION NUMBER: US/10/180,762
CURRENT FILING DATE: 2002-06-25
PRIOR APPLICATION NUMBER: 09/53,604
PRIOR FILING DATE: 1999-02-19
PRIOR FILING DATE: 1999-01-22
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/506,855
PRIOR FILING DATE: 1999-11-22
PRIOR FILING DATE: 1999-11-22
PRIOR FILING DATE: 1999-11-22
PRIOR FILING DATE: 1999-11-25
PRIOR APPLICATION NUMBER: 09/506,855
PRIOR FILING DATE: 1990-02-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SHIMKETS, RICHARD A
APPLICANT: FERNANDES, ELMA
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
FILE REFERENCE: 15966-559
                                         NUMBER OF SEQ ID NOS: 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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APPLICATION NUMBER: PCT/US99/20111
FILING DATE: 1999-09-01
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
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16; Conserv
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16; Conserv
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                   FastSEQ
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                      for Windows Version 3.0
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Pred. No. 9.5e
O; Mismatches
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Pred. No. 9.5e+02;
0; Mismatches 3;
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-180-762-9
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CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILLING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059588
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/06285
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3130R1C1
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APPLICATION NUMBER: 60/063082
FILING DATE: 1997-10-31
APPLICATION NUMBER: 60/063329
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1 Similarity 84.2%;
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David A. Botstein
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Timothy A. Stewart
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Hanspeter Gerber
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1997-12-16

APPLICATION I

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NUMBER: NUMBER:

60/081049 60/079294 60/074092 60/074086

1998-03-

NUMBER: 60/095998

1998-08-10

NUMBER:

60/097000

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NUMBER: 60/099803 NUMBER: 60/099601

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OR APPLICATION NUMBER: PCT/US98/18824
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: PCT/US98/19093
OR APPLICATION NUMBER: PCT/US98/19033
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OR APPLICATION NUMBER: PCT/US98/19330
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OR FILING DATE: 2000-09-18
OR APPLICATION NUMBER: 09/665350
OR FILING DATE: 2000-09-18
OR APPLICATION NUMBER: 09/709238
OR FILING DATE: 2000-11-08
OR APPLICATION NUMBER: 09/767609
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OR FILING DATE: 2001-05-25
OR APPLICATION NUMBER: 09/870574
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OR APPLICATION NUMBER: 09/872035
OR APPLICATION NUMBER: 09/886342
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APPLICATION NUMBER: PCT/US99/05028
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R FILING DATE: 1998-08-19
R APPLICATION NUMBER: 09/13
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09/180997 09/158342 09/136828

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Publication No.
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APPLICANT: Zemin Zang
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3130R1C9
CURRENT APPLICATION NUMBERS: US/10/066,494
CURRENT FILING DATE: 2002-02-01
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PRIOR FILING DATE: 2001-11-15
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FILING DATE: 1997-08-26
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APPLICATION NUMBER: 60/062816
FILING DATE: 1997-10-24
APPLICATION NUMBER: 60/063082
FILING DATE: 1997-10-31
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FILING DATE: 1997-09-18
APPLICATION NUMBER: 60/059588
            FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/081049
FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/095998
                                                                                FILING DATE: 1998-02-09
APPLICATION NUMBER: 60/074092
FILING DATE: 1998-02-09
APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/
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APPLICATION NUMBER: 60/063733
FILING DATE: 1997-10-29
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APPLICATION NUMBER: 60/062285
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FILING DATE: 1997-09-17
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Austin L. Gur.
J. Kljavin
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P.Mickey Williams
William I. Wood
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Sherman Fong
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David A. Botstein
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to. US20030032063A1
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Timothy A. Stewart
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Hanspeter Gerber
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Query Match Best Local S Matches 16

FILING DATE: APPLICATION 1

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60/099601

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R FILING DATE: 1998-09R APPLICATION NUMBER: 6
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NUMBER: 60/100858

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1998-09-17

APPLICATION IN FILING DATE:
APPLICATION I

NUMBER: 60/125778 NUMBER: 60/109304

1999-03-23

FILING DATE:

APPLICATION

NUMBER:

60/106032 60/101922

1998-09-24

1998-10-28

FILING DATE:

APPLICATION NUMBER: FILING DATE: 1998-09

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RESULT 1343
US-10-066-269-96
(S-10-066-269-96); Sequence 96, Application US/10066269
; Publication No. US20030040014A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
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OR APPLICATION NUMBER: 09/548815

OR FILING DATE: 2000-04-13

OR APPLICATION NUMBER: 09/548815

OR FILING DATE: 2000-09-18

OR APPLICATION NUMBER: 09/665350

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OR APPLICATION NUMBER: 09/709238

OR APPLICATION NUMBER: 09/767609

OR FILING DATE: 2001-01-22

OR APPLICATION NUMBER: 09/802706

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OR APPLICATION NUMBER: PCT/US98/14552

OR APPLICATION NUMBER: PCT/US98/1933

OR APPLICATION NUMBER: PCT/US98/1933

OR APPLICATION NUMBER: PCT/US98/1937

OR APPLICATION NUMBER: PCT/US98/19437

OR APPLICATION NUMBER: PCT/US98/19437

OR APPLICATION NUMBER: PCT/US98/24855

OR APPLICATION NUMBER: PCT/US98/25108

OR FILING DATE: 1998-09-16

OR APPLICATION NUMBER: PCT/US98/25108

OR APPLICATION NUMBER: PCT/US98/25108
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APPLICATION NUMBER: PCT/US99/20111
FILING DATE: 1999-09-01
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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APPLICATION NUMBER: 09/423741
FILING DATE: 1999-11-10
APPLICATION NUMBER: 09/423844
FILING DATE: 1999-11-12
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R APPLICATION NUMBER: 09/33
R FILING DATE: 1999-06-14
RR APPLICATION NUMBER: 09/38
RR FILING DATE: 1999-08-25
RR APPLICATION NUMBER: 09/38
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RR APPLICATION NUMBER: 09/40
RR FILING DATE: 1999-10-18

09/380139 09/380138 09/380137 09/333077 09/333075 NR APPLICATION NUMBER: 09/254465
NR FILING DATE: 1999-03-05
NR APPLICATION NUMBER: 09/284663
NR FILING DATE: 1999-04-15
NR APPLICATION NUMBER: 09/332928
NR APPLICATION NUMBER: 09/332929
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09/254311 09/202088

NUMBER: 09/254460

1999-03-09

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1998-08-19

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APPLICATION

NUMBER:

08/960507

-09-19

08/933821

1997-10-29

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1997-08-26

NUMBER: 60/ : 1999-12-07

60/169495 60/149396

FILING DATE:

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1999-08-17 1999-07-26 1999-07-20

FILING DATE: FILING DATE: APPLICATION 1

NUMBER: 60/145698

APPLICATION NUMBER: 60/139695 FILING DATE: 1999-06-15 APPLICATION NUMBER: 60/145070

APPLICANT:

PPLICANT:

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FILE REFERENCE: P3130R1C4
CURRENT APPLICATION NUMBER: US/10/066,269
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR FILING DATE: 2001-11-15
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DR FILLING DATE: 1997-08-26
DR APPLICATION NUMBER: 60/059115
DR FILLING DATE: 1997-09-17
DR APPLICATION NUMBER: 60/059263
DR FILLING DATE: 1997-09-18
                                          DR FILING DATE: 1998-08-10

DR APPLICATION NUMBER: 60/097000

DR FILING DATE: 1998-08-18

DR APPLICATION NUMBER: 60/099601

DR FILING DATE: 1998-09-09

DR APPLICATION NUMBER: 60/099803
                                                                                                                                DR FILING DATE: 1998-02-09

R APPLICATION NUMBER: 60/079294

DR FILING DATE: 1998-03-25

DR APPLICATION NUMBER: 60/081049

DR FILING DATE: 1998-04-08

R APPLICATION NUMBER: 60/095998
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DR FILING DATE: 1997-11-25
DR PILING DATE: 1997-12-16
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DATE: 1998-02-09
DR FILING DATE: 1998-02-09
DR PILICATION NUMBER: 60/074092
FILING DATE:
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FILING DATE:
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                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/063733
FILING DATE: 1997-10-29
APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
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FILING DATE: 1997-10-31
APPLICATION NUMBER: 60/063329
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APPLICATION NUMBER: 60/
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David
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P.Mickey Williams
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Timothy A. Stewart
Daniel Tumas
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Ivar J. Kljavin
Jennie P. Mather
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Hanspeter Gerber
Mary E. Gerritse
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Paul J. Godowski
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Sherman Fong
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               : 1998-09-10
NUMBER: 60/
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                                                                                                                    TUMBER: 60/095998
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Botstein
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               60/099811
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PRIOR DR FILING DATE: 1999-06-14
DR APPLICATION NUMBER: 09/333075
DR APPLICATION NUMBER: 09/333077
DR APPLICATION NUMBER: 09/333077
DR FILING DATE: 1999-06-14
DR APPLICATION NUMBER: 09/380137
DR APPLICATION NUMBER: 09/380137
DR FILING DATE: 1999-08-25
DR APPLICATION NUMBER: 09/380138 R FILING DATE: 1998-09-10

R APPLICATION NUMBER: 09/202088

R FILING DATE: 1998-12-08

R APPLICATION NUMBER: 09/254311

R FILING DATE: 1999-03-03

R APPLICATION NUMBER: 09/254460 R FILING DATE: 1998-08-19
R APPLICATION NUMBER: 09/136804
R FILING DATE: 1998-08-19
R APPLICATION NUMBER: 09/136828
R FILING DATE: 1998-08-19
R APPLICATION NUMBER: 09/158342
R FILING DATE: 1998-09-21 R FILING DATE: 1997 -09-19
RR APPLICATION NUMBER: 08/960507
RR FILING DATE: 1997-10-29
RR APPLICATION NUMBER: 09/114844
RR APPLICATION NUMBER: 09/136801
RR APPLICATION NUMBER: 09/136801 DR APPLICATION NUMBER: 60/145698

DR FILING DATE: 1999-07-26

DR APPLICATION NUMBER: 60/149396

DR FILING DATE: 1999-08-17

DR APPLICATION NUMBER: 60/169495

DR FILING DATE: 1999-12-07 R FILING DATE: 1999-10R APPLICATION NUMBER: 0
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APPLICATION NUMBER: 09/332928
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APPLICATION NUMBER: 09/332929 FILING DATE: 1999-03-09
APPLICATION NUMBER: 09/254465
FILING DATE: 1999-03-05
APPLICATION NUMBER: 09/284663 APPLICATION NUMBER: 08/918874 FILING DATE: 1997-08-26 FILING DATE: 1999-06-1 APPLICATION NUMBER: 60 FILING DATE: 1999-07-1 FILING DATE: 1998-11-20
APPLICATION NUMBER: 60/125778
FILING DATE: 1999-03-23
APPLICATION NUMBER: 60/139695 FILING DATE: 1998-10-28
APPLICATION NUMBER: 60/109304 FILING DATE: 1998-09-24 APPLICATION NUMBER: 60/106032 APPLICATION NUMBER: 60 FILING DATE: 1998-09-1 APPLICATION NUMBER: 60 FILING DATE: 1999-10-18 APPLICATION NUMBER: 09/403297 APPLICATION NUMBER: 09/180997 APPLICATION NUMBER: 08/933821 FILING DATE: 1998-09
APPLICATION NUMBER: 1999-10-1998-09-17 1999-11-1999-08-25 1999-08-09/403296 60/145070 60/100858 09/423741 09/380139 60/101922 60/099812 09/423844

3 S. Offing Selections Company on Services

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RESULT 1344
US-10-066-211-96
                                                                                                                GENERAL INFORMATION:
APPLICANT: Avi J. Ashkenazi
APPLICANT: Kevin P. Baker
APPLICANT: David A. Botste
                                                                                                                                                                                                              Sequence 96, Application US/10066211 Publication No. US20030044844A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local
                                                                     APPLICANT:
       APPLICANT:
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1998-12-01
APPLICATION NUMBER: PCT/US98/25190
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APPLICATION NUMBER: PCT/US99/12252
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APPLICATION NUMBER: PCT/US99/05028
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APPLICATION NUMBER: PCT/US98/19437
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                                                                                                                                                                                                                                                                                                                                                                                                  2701
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1999-09-01
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Luc Desnoyers
Dan L. Eaton
Napoleone Ferrara
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                                                                                                                   Kevin P. Baker
David A. Botstein
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NUMBER: PCT/US98/19330
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CURRENT APPLICATION NUMBER: US/10/066,211
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR PILING DATE: 2001-11-15
PRIOR PILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/056974
PRIOR APPLICATION NUMBER: 60/05915
PRIOR FILING DATE: 1997-08-16
PRIOR FILING DATE: 1997-08-17
PRIOR APPLICATION NUMBER: 60/05915
PRIOR APPLICATION NUMBER: 60/05915
PRIOR APPLICATION NUMBER: 60/059263
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                                                              OR APPLICATION NUMBER: 60/092816
OR FILING DATE: 1997-10-24
OR APPLICATION NUMBER: 60/063082
OR FILING DATE: 1997-10-31
OR APPLICATION NUMBER: 60/063329
OR FILING DATE: 1997-10-27
OR APPLICATION NUMBER: 60/063329
OR FILING DATE: 1997-11-25
OR APPLICATION NUMBER: 60/066364
OR FILING DATE: 1997-11-25
OR APPLICATION NUMBER: 60/066840
OR FILING DATE: 1997-11-25
OR APPLICATION NUMBER: 60/069694
OR FILING DATE: 1998-12-16
OR APPLICATION NUMBER: 60/074086
OR FILING DATE: 1998-02-09
OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/079294
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OR APPLICATION NUMBER: 60/099811
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OR FILING DATE: 1998-09-10
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OR APPLICATION NUMBER: 60/059263
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OR FILING DATE: 1997-09-18
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OR APPLICATION NUMBER: 60/059588
OR APPLICATION NUMBER: 60/06285
OR FILING DATE: 1997-10-17
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P.Mickey Williams
William I. Wood
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Timothy A. Stewart
Daniel Tumas
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Jennie P. Mather
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Audrey Goddard
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NUMBER: NUMBER:

60/169495 60/149396

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APPLICATION

NUMBER: 08/933821 NUMBER: 08/918874

1997 -09-19

FILING DATE:

FILING DATE: 1997-08-26 FILING DATE: 1999-12-07 FILING DATE: 1999-08-17

PRIOR

APPLICATION NUMBER: 08/960507 FILING DATE: 1997-10-29 APPLICATION NUMBER: 09/114844

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LING DATE: 1998-08-19

NUMBER: 09/136801 : 1998-07-14

APPLICATION NUMBER: APPLICATION NUMBER: 09/ FILING DATE: 1998-08-19

09/136828 09/136804 PRIOR PRIOR

APPLICATION

FILING DATE: 1999-07-

NUMBER: 60/145698 NUMBER: 60/145070 NUMBER: 60/139695

1999-07-20

PRIOR

FILING DATE: 1999-06-1

PRIOR

APPLICATION NUMBER: 60/

1999-03-23

60/125778 60/109304

FILING DATE: APPLICATION

NUMBER:

1998-10-28

PRIOR PRIOR

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GENERAL INFORMATION:
APPLICANT: Avi J. Ashkenazi
APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Earcon
APPLICANT: Napoleone Ferrara
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OR FILING DATE: 1998-09-17
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APPLICATION NUMBER: PCT/US99/21090
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APPLICATION NUMBER: 09/872035
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Hanspeter Gerber
Mary E. Gerritsen
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Austin L. Gurney
Ivar J. Kljavin
Jennie P. Mather
                                                 Audrey Goddard
Paul J. Godowski
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Napoleone Ferrara
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David A. Botstein
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OR FILING DATE: 2000-04-13
OR APPLICATION NUMBER: 09/664610
OR FILING DATE: 2000-09-18
OR APPLICATION NUMBER: 09/665350
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FILING DATE: 1999-03-03 APPLICATION NUMBER: 09/ FILING DATE: 1999-03-09

NUMBER: 09/254460 NUMBER: 09/254311

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APPLICATION NUMBER: 09/180997 APPLICATION NUMBER: 09/158342 FILING DATE: 1998-08-19

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APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/066,193
CURRENT FILING DATE: 2002-02-01
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FILING DATE: 1997-08-26
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P.Mickey Williams
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Margaret Ann Roy
Timothy A. Stewart
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OR APPLICATION NUMBER: 09/254311
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OR FILING DATE: 1997-09-19
OR APPLICATION NUMBER: 08/960507
OR FILING DATE: 1997-10-29
OR APPLICATION NUMBER: 09/114844
OR FILING DATE: 1998-07-14
OR APPLICATION NUMBER: 09/136801
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Best Local
                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                   TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES FILE REFERENCE: CO1039/70660(AwS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
PRIOR FILING DATE: 2001-03-29
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Krieg, Arthur M. APPLICANT: Berg, Daniel J.
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                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                  LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/12252
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US98/19437 FILING DATE: 1998-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1998-09-14
APPLICATION NUMBER: PCT/US98/19330
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/20594
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APPLICATION NUMBER: PCT/US98/25190
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16; Conserv
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                                           Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9
                           Mismatches
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RESULT 1349 US-10-159-901-15/c

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US-10-017-995-1055/c
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US-10-017-995-48
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified base
LOCATION: (8)...(8)
OTHER INFORMATION: m5c
OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 1055
                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
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                                                                      Matches
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Best Local Similarity
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TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
FRIOR FILING DATE: 2001-12-14
RIOR FILING DATE: 2001-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids FILE REFERENCE: C1037/7025 (HCL/MAR)
CURRENT APPLICATION NUMBER: US/10/017, 995
CURRENT FILING DATE: 2001-12-18
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR PILING DATE: 2000-12-14
PRIOR FILING DATE: 2000-12-14
PRIOR FILING DATE: 2000-12-14
                                                                                                                                                        FEATURE:
OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                    888 CCCCCAAGAAACATCCCGC 906
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19 CCCCCAACAATCATCCCCC 1
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                                                                    Conservative
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Pred. No. 9.5e+02
                                                                                   Score 14.2; DB 1;
Pred. No. 9.5e+02;
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                                                                      Mismatches
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                                                                      Indels
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APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: PRO-104 6868/75529
CURRENT APPLICATION NUMBER: US/10/152,297
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: US/09/383,316
PRIOR FILING DATE: 1999-08-25
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/252,436
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
NUMBER OF SEQ. ID NOS: 123
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SEQ ID NO 12
LENGTH: 20
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  Query Match
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TITLE OF INVENTION: LIGHT CONTROLLED GENE EXPRESSION UTILIZING HETEROLOGOUS PHYTOCHRO
FILE REFERENCE: 407T-907731US
CURRENT APPLICATION NUMBER: US/10/159,901
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: 60/294,463
PRIOR FILING DATE: 2001-05-29
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 57
NUMBER OF SEQ ID NOS: 57
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Publication No. US20030073235A1
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APPLICANT: Lewis, Martin K.
APPLICANT: Lieppe, Donna
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APPLICANT: KOICHI, TAKAYUKI
APPLICANT: FRANKENBERG, NICOLE
APPLICANT: GAMBETTA, GREGORY
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                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer
                                                                   OTHER INFORMATION: probe for human cystic fibrosis gene
                                                                                        FEATURE:
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nes 16; Conservative
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Rhodes, Richard B.
Andrews, Christine A.
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Pred. No. 9.5e+02;
0; Mismatches 3;
    DB 1;
  Length 20;
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US-10-090-011-14/c
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CURRENT APPLICATION NUMBER: US/10/241,258
CURRENT FILING DATE: 2002-09-10
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
                                                                Matches
                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 14
                                                                                                                                                                                                                                APPLICANT: Serup, Palle
APPLICANT: Heimberg, Harry
APPLICANT: Gradwohl Gerard
TITLE OF INVENTION: Methods For Generating Insulin-Secreting
TITLE OF INVENTION: Cells Suitable for Transplantation
FILE REFERENCE: 6246.200-US
CURRENT APPLICATION NUMBER: US/10/090,011
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: US 60/271,474
PRIOR FILING DATE: 2001-02-26
PRIOR FILING DATE: 2001-02-26
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Best Local
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APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
TITLE OF INVENTION: IMMUNE FUNCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                              LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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                               510 ACCATGGTCCCCTGCTGGA 528
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20 ACCACGCCTCCTGCTGGA 2
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                                                                                Similarity
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Pred. No. 9.
                                                                                Score 14.2; DB 1;
Pred. No. 9.5e+02;
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0; Mismatches 3;
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RESULT 1353

APPLICANT: RATAIN, MARK J.

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                                                      US-10-057-834A-71/c
                                                                            RESULT 1355
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; Sequence 69, Application US/10181846
; Publication No. US20030083297A1
                                                                                                                                                                                                                                                                                          US-10-227-616-95
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CURRENT FILING DATE: 2002-07-17
PRIOR APPLICATION NUMBER: PCT/US01/01416
PRIOR FILLING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: 09/490,692
PRIOR FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 69
LENCTH: 20
Sequence 71, Application US/10057834A Publication No. US20030099960A1 GENERAL INFORMATION:
                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 16; Conserv
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CURRENT FILING DATE: 2002-08-23
PRIOR APPLICATION NUMBER: GB 0004576.5
PRIOR FILING DATE: 2000-02-25
PRIOR PPLICATION NUMBER: GB 0031341.1
PRIOR FILING DATE: 2000-12-21
NUMBER OF SEQ ID NOS: 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Stamps, Alasdair Craig
APPLICANT: Terrett, Jonathan Alexander
TITLE OF INVENTION: Proteins
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TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 2543-1-028
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Nicholas M. Dean APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                              Q ID NO 95
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
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Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e+02;
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              CURRENT APPLICATION NUMBER: US/10/226,739
CURRENT FILING DATE: 2002-08-23
PRIOR APPLICATION NUMBER: US 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
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SEQ ID NO 71
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Publication No.
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CURRENT APPLICATION NUMBER: US/10/057,834A
CURRENT FILING DATE: 2002-08-22
PRIOR APPLICATION NUMBER: UNKNOWN
PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 78
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                                                                                                                                                  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3130R1C10
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT287 SUBSTRATE DOSINGS
TITLE OF INVENTION: PREDICTING UGT287 SUBSTRATE TOXICITY
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TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 09/403,297
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Williams
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-739-96
             APPLICANT: Kim, Ki-wan
APPLICANT: Oh, Myung-suk
TITLE OF INVENTION: Fusion protein having an
FILE REFERENCE: 401729/YFLEE
CURRENT APPLICATION NUMBER: US/10/196,183
CURRENT FILING DATE: 2002-07-17
PRIOR APPLICATION NUMBER: KR 10-2001-75994
PRIOR FILING DATE: 2001-12-03
NUMBER OF SEQ ID NOS: 10
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FILE REFERENCE: 06275-254US1
CURRENT APPLICATION NUMBER: US/10/149,352
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: PCT/GB00/04741
PRIOR APPLICATION NUMBER: PCT/GB00/04741
PRIOR FILING DATE: 2000-12-12
PRIOR PPLICATION NUMBER: GB 9929487.8
PRIOR FILING DATE: 1999-12-15
PRIOR FILING DATE: 1999-12-15
PRIOR FILING DATE: 1999-12-15
PRIOR FILING DATE: 1999-12-15
                                                                                                                                                                                                                                                                                                                   RESULT 1358
                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Lee, Dong
APPLICANT: Park, Ji
APPLICANT: Chung, B
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SEQ ID NO 6
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LENGTH: 20
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APPLICANT: Beri, Ra
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ORGANISM: Homo sapiens
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PatentIn version 3.1
                                                                                                                                                                Park, Ji-sook
Chung, Bo-sup
Kim, Ki-wan
                                                                                                                                                                                                                                                                                                                                                                                                            GGCCCTGCAGGGGAGAAAG 3388
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02;
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NUMBER OF SEQ ID NOS: 90
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-10-006-430-29
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                                                                                                                              NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
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Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                                                       APPLICANT: DONG-EOK, LEE
APPLICANT: MYUNG-SUK, OH
APPLICANT: BO-SUP, CHUNG
APPLICANT: JI-SOOK, PARK
APPLICANT: KI-WAN, KIM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Mark J.
APPLICANT: Kenneth
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Best Local Similarity
                                                                                                                                                                                              APPLICANT: KI-WAN, KIM
TITLE OF INVENTION: PUSION PROTEIN HAVING ENHANCED IN VIVO ACTIVITY OF
TITLE OF INVENTION: EXTHROPOIETIN
FILE REFERENCE: 58105 (71970)
CURRENT APPLICATION NUMBER: US/10/230,454
CURRENT FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: 2001-74975
PRIOR APPLICATION NUMBER: 2001-74975
PRIOR FILING DATE: 2001-11-29
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TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
FILE REFERENCE: RTS-0341
CURRENT APPLICATION NUMBER: US/10/006,430
CURRENT FILING DATE: 2001-12-10
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TYPE: DNA
                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: Description of Artificial Sequence: Primer EP2 having OTHER INFORMATION: the nucleotide sequence complementary to the terminal OTHER INFORMATION: sequence of EPO cDNA
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BO-SUP, CHUNG
JI-SOOK, PARK
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84.2%; Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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                                                                     ; OTHER INFORMATION: Oligonucleotide ZC13532 US-10-360-186-9
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Best Local
 Query Match
Best Local Similarity 84.
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Publication No. US20030144208A1
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Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
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PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/253,604
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: 09/444,794
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/506,855
                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/360,186
CURRENT FILING DATE: 2003-02-07
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TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
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CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
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APPLICANT: MAIK P. ROSCH
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 99-12C3
                                                                                                                                                                                                                            PRIOR FILING DATE: 2000-02-17
                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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16; Conser
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                 0.3%;
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 Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.
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9.5e+02;
                                  Length 20;
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; FEATURE: misc feature
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-149
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PRIOR APPLICATION NUMBER: US/10/025,139
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
                                                                                                                                                                                   SOFTWARE: PatentIn version 3.1
SEQ ID NO 149
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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Publication No.
Query Match
Best Local Similarity
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CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 168
                                                                                                                                                                                                                                                                                                                               APPLICANT: Athena Diagnostics
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASE
FILE REFERENCE: 1133/2002
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CURRENT FILING DATE: 2003-01-21
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APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase
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APPLICANT: Dean, N
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                               ORGANISM: Artificial Sequence
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o. US20030148989A1
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Pred. No. 9.5e+02;
Score 14.2; DB 1;
Pred. No. 9.5e+02;
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                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-10-376-566-35
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US-10-376-566-35/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Primer US-10-277-249-11
                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/376,566
CURRENT FILING DATE: 2003-02-27
PRIOR APPLICATION NUMBER: US/10/005,058
PRIOR FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 96
SEQ ID NO 35
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 35, Application US/10376566 Publication No. US20030158144A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Microsoft Office 97
SEQ ID NO 11
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 11, Application US/10277249 Publication No. US20030157674A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
APPLICANT: Exich Koller
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION
FILE REFERENCE: RTS-0347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Pucci, Jeff
APPLICANT: Whited, Greg
TITLE OF INVENTION: Improved Process for the Biological Production of 1,3-Propanediol
TITLE OF INVENTION: High Titer
FILE REFERENCE: BC1020 US DIV
CURRENT APPLICATION NUMBER: US/10/277,249
CURRENT FILING DATE: 2002-10-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Emptage, Mark
APPLICANT: Haynie, Sharon
APPLICANT: Laffend, Lisa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/149,534 PRIOR FILING DATE: 1999-08-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                   Local Similarity
les 16; Conserv
                                 3057 GAGATCAAGCTGCAGACCT 3075
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19
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GAGATCAAGATGGAGTCCT 1
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                                                                     Conservative
                                                                  0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 9.5e+02;
tive 0; Mismatches 3;
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Pred. No. 9.5e+02
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US-10-066-198-96
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                                                                                                                                                                                                                                                                                   US-10-167-547C-42
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Best Local S
Matches 16
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Best Local S
Matches 16
              Sequence 96, Application US/10066198 Publication No. US20030170721A1 GENERAL INFORMATION:
 APPLICANT: Avi J. Ashkenazi
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SOFTWARE: Microsoft Office 07
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
APPLICANT: Mark P. Roach
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: ENCH KOLLER
APPLICANT: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION
FILE REFERENCE: RTS-0347
CURRENT APPLICATION NUMBER: US/10/376,566
CURRENT FILING DATE: 2003-02-27
PRIOR APPLICATION NUMBER: US/10/005,058
PRIOR APPLICATION NUMBER: US/10/005,058
PRIOR FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 96
TENGTH: 20
TYPE: NAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 42, Application US/10167547C Publication No. US20030170653A1
                                                                                                                                                                                                                                                                                                                                     APPLICANT: E.I. du Pont de Nemours and Company
APPLICANT: Damude, Howard G.
TITLE OF INVENTION: A Biological Method for the Production of Alpha-Methylene-Gamma
TITLE OF INVENTION: Butyrolactone and its Intermediates
FILE REFERENCE: CL1804 US NA
FILE REFERENCE: CL1804 US NA
CURRENT APPLICATION NUMBER: US/10/167,547C
CURRENT FILING DATE: 2003-03-17
PRIOR APPLICATION NUMBER: 60/297198
PRIOR FILING DATE: 2001-06-08
                                                                                                                                                                                                                                                                                                             PKIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 67
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ORGANISM: Artificial Sequence
                                                                                                                                                            OTHER INFORMATION: Primer NW23
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4189 GGCTTTGTGTTTTCAGGAA 4207
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Similarity 84.2%;
                                                                 Similarity
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                                             Conservative
                                                              0.3%; Score 14.2; DB 1
84.2%; Pred. No. 9.5e+02
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Pred. No. 9.5e+02;
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                                             Mismatches
                                                                                         DB 1;
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PRIOR PRIOR PRIOR

FILING DATE: 1998-11-20 APPLICATION NUMBER: 60/125778 FILING DATE: 1999-03-23

FILING DATE: 1998-10-28
APPLICATION NUMBER: 60/109304 FILING DATE: 1998-09-24 APPLICATION NUMBER: 60/106032 APPLICATION NUMBER: 60 FILING DATE: 1998-09-1

60/099812

APPLICATION NUMBER: FILING DATE: 1998-09-APPLICATION NUMBER: 60/100858

60/101922

APPLICATION NUMBER:

60/139695

PRIOR

FILING DATE: 1999-06-15 APPLICATION NUMBER: 60/145070 FILING DATE: 1999-07-20

APPLICATION NUMBER: 60/145698

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CURRENT FILING DATE: 1997-00-1.
PRIOR APPLICATION NUMBER: 00/056974
PRIOR FILING DATE: 2001-11-15
PRIOR FILING DATE: 1997-08-26
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/05974
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/05968
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/06286
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06286
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-25
PRIOR APPLICATION NUMBER: 60/066840
PRIOR APPLICATION NUMBER: 60/066840
PRIOR APPLICATION NUMBER: 60/06694
PRIOR APPLICATION NUMBER: 60/074086
PRIOR APPLICATION NUMBER: 60/074086
PRIOR APPLICATION NUMBER: 60/074086
PRIOR APPLICATION NUMBER: 60/079294
PRIOR APPLICATION NUMBER: 60/07929601
PRIOR APPLICATION NUMBER: 60/099803
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APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3130R1C6
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Austin L. Gurney
Ivar J. Kljavin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kevin
David
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Timothy A. Stewart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Daniel Tumas
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Jennie P. Mather
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Audrey Goddard
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Hanspeter Gerber
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: 1998-09-10
NUMBER: 60/099811
: 1998-09-10
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A. Botstein
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DR FILING DATE: 1999-04-15
DR APPLICATION NUMBER: 09/332928
DR FILING DATE: 1999-06-14
DR APPLICATION NUMBER: 09/332929
DR FILING DATE: 1999-06-14
DR APPLICATION NUMBER: 09/333075
DR FILING DATE: 1999-06-14
DR APPLICATION NUMBER: 09/333077
DR FILING DATE: 1999-06-14
DR APPLICATION NUMBER: 09/330077
OR FILING DATE: 1999-06-14
DR APPLICATION NUMBER: 09/3380137

DR FILING DATE: 1999-03-03
PR APPLICATION NUMBER: 09/254460
DR FILING DATE: 1999-03-09
DR APPLICATION NUMBER: 09/254465
DR FILING DATE: 1999-03-05
DR APPLICATION NUMBER: 09/284663

DR APPLICATION NUMBER: 09/158342

DR FILING DATE: 1998-09-21

DR APPLICATION NUMBER: 09/180997

DR FILING DATE: 1998-09-10

DR APPLICATION NUMBER: 09/202088

DR FILING DATE: 1998-12-08

DR APPLICATION NUMBER: 09/254311

DR APPLICATION NUMBER: 08/918874

DR FILLING DATE: 1997-08-26

DR APPLICATION NUMBER: 08/933821

DR FILLING DATE: 1997-09-19

DR APPLICATION NUMBER: 08/960507

DR FILLING DATE: 1997-10-29

DR FILLING DATE: 1997-10-29

DR APPLICATION NUMBER: 09/114844

DR FILLING DATE: 1998-07-14

DR APPLICATION NUMBER: 09/136801

DR FILLING DATE: 1998-08-19

DR FILLING DATE: 1998-08-19

DR PILLING DATE: 1998-08-19

APPLICATION NUMBER: 60/169495 FILING DATE: 1999-12-07

FILING DATE: 1999-07-26 APPLICATION NUMBER: 60/ FILING DATE: 1999-08-17

60/149396

APPLICATION NUMBER: 09/136804 FILING DATE: 1998-08-19

FILING DATE: 1998-08-19 APPLICATION NUMBER: 09/136828

OR FILING DATE: 1999-08-25
OR APPLICATION NUMBER: 09/380138
OR FILING DATE: 1999-08-25
OR APPLICATION NUMBER: 09/380139
OR FILING DATE: 1999-08-25
OR APPLICATION NUMBER: 09/403296
OR FILING DATE: 1999-10-18
OR APPLICATION NUMBER: 09/403297
OR FILING DATE: 1999-10-18
OR APPLICATION NUMBER: 09/403297
OR PILING DATE: 1999-11-10
OR APPLICATION NUMBER: 09/423741
OR FILING DATE: 1999-11-10
OR APPLICATION NUMBER: 09/423844
OR FILING DATE: 1999-11-12
OR APPLICATION NUMBER: 09/522342

2000-03-09

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Matches 16
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                                                                                                                                                                    Sequence 16, Application US/10265542 Publication No. US20030171568A1
                                                                                       APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Fong, Sherman
                                                        APPLICANT:
                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/20594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1999-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-06-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1998-11-25
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APPLICATION NUMBER: PCT/US98/25190
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APPLICATION NUMBER: PCT/US98/24855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION' NUMBER: PCT/US98/19437
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US98/19330 FILING DATE: 1998-09-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 09/802706 FILING DATE: 2001-03-09
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FILING DATE: 2000-04-13
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16; Conserv
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Fong, Sherman
Goddard, Audrey
Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                      OTHER INFORMATION: Description of artificial sequence: OTHER INFORMATION: Oligionucleotide US-10-053-645A-28
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PRIOR FILING DATE: 1997-09-17
PRIOR PELICATION NUMBER: 60/066,364
PRIOR APPLICATION NUMBER: 60/078,936
PRIOR APPLICATION NUMBER: 60/078,936
PRIOR APPLICATION NUMBER: 60/078,936
PRIOR APPLICATION NUMBER: 60/100,858
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/109,304
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR APPLICATION NUMBER: 60/131,445
PRIOR APPLICATION NUMBER: 60/131,698
PRIOR APPLICATION NUMBER: 60/145,698
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/145,698
PRIOR APPLICATION NUMBER: 60/145,698
PRIOR APPLICATION NUMBER: 60/145,698
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SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
                                                                                                                                                                                                                              SOPTWARE: FastSEQ for Windows Version SEQ ID NO 28 SEQ ID NO 27 SENGTH: 20 TYPE: DNA ORGANISM: Artificial sequence
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Publication No. US20030176376A1
GENERAL INFORMATION:
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Best Local
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING A
TITLE OF INVENTION: CELL-PROLIFERATIVE DISORDER USING CRE DECOY OLIGOR
TITLE OF INVENTION: ANTISENSE OLIGOMERS, AND HYBRID OLIGOMERS THEREOF
FILE REFERENCE: 10412-022-999
CURRENT EPPLICATION NUMBER: US/10/053,645A
CURRENT FILING DATE: 2002-01-22
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FILE REFERENCE: GENENT.100A
CURRENT APPLICATION NUMBER: US/10/265,542
CURRENT FILING DATE: 2002-10-03
                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/263,244
PRIOR FILING DATE: 2001-01-22
NUMBER OF SEQ ID NOS: 43
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PRIOR FILING DATE: 2000-05-22
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FILING DATE: 2000-02-22
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  3919 CGACGCCGCGGCCGCCGCT 3937
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16; Conserv
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16; Conserv
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                                              Conservative
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                                                                    Score 14.2; DB 1;
Pred. No. 9.5e+02;
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                                              Mismatches
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                                                                                                                                               Sequence 9, Application US/10392531
Publication No. US20030176658A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
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LENGTH: 20
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               APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
FILE REFERENCE: 97-30
CURRENT APPLICATION NUMBER: US/10/392,531
CURRENT FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: US/09/506,852
PRIOR FILING DATE: 2000-02-17
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PRIOR APPLICATION NUMBER: 60/240,316
PRIOR FILING DATE: 2000-10-13
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CURRENT APPLICATION NUMBER: US/10/305,810
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: 60/334,148
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: 60/336,572
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PRIOR FILING DATE: 2001-10-04
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APPLICANT: Millet, Isabelle
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/182,637
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PRIOR FILING DATE: 2000-09-19
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PRIOR FILING DATE: 2001-09-19
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APPLICANT: Huang, Chun
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ORGANISM: IL-8-AS2
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zhong, Haihong
Simons, Jan Fredrik
Tailon, Bruce E.
Chant, John S.
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EARLIER APPLICATION NUMBER: 60/053,154
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Pred. No. 9
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                                                                                                                                                                                                                                                                                                                                        US-10-262-666-14/c
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US20030176659A1
GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 44
SOFTWARE FASTSEQ for Windows Version 3.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                Sequence 14, Ap
Publication No.
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Best Local Similarity
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APPLICANT:
CURRENT APPLICATION NUMBER: US/10/262,666
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: PCT/US02/12497
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US 60/356,937
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/285,343
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CURRENT FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: US/09/506,852
                                                                                                                                   APPLICANT: Matsushita, Hirokazu
TITLE OF INVENTION: CANCER-TESTIS ANTIGENS
FILE REPERENCE: L00461.70140
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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 44
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TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PEATURE:
OTHER INFORMATION: Oligonucleotide ZC13532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                              2492 GACAGGGATGAAGTACAAC 2510
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16;
                                                                                                                                                                                                                                                                                                                                                                                                                   1 GAGAGGGCTGAAGAACAAC 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
                                                                                                                                                                                                            Ono, Toshiro
Old, Lloyd J.
                                                                                                                                                                                              Hasegawa, Kosei
                                                                                                                                                                                                                                                                                                                Application US/10262666
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                                                                                                                                                                                                                                     Toshiro
                                                                                                                                                                                                                                                             Eiichi
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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APPLICANT: Nulliams, Daniel
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P1618P2C85
CURRENT APPLICATION NUMBER: US/10/299,976
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US/00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/21547
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US-10-299-976-124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 80
SOFTWARE: PATENTIN VERSION
SEQ ID NO 14
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                       FILING DATE: 1999-09-15
                                   APPLICATION NUMBER: PCT/US99/23089
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Roy, Margaret Ann
Stewart, Timothy A.
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Eaton, Dan L.
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Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tumas, Daniel
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Grimaldi, Christopher
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/10299976
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                 1999-10-05
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PCT/US99/28214
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Pred. No. 9.5e+02;
D; Mismatches 3;
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; OTHER INFORMATION: Description of A; OTHER INFORMATION: oligonucleotide US-10-299-976-124
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US-10-066-203-96
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                                                                 CURRENT FILING DATE: 105/10/066,203
PRIOR APPLICATION NUMBER: US/10/066,203
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR FILING DATE: 2001-11-15
PRIOR FILING DATE: 1997-08-26
PRIOR FILING DATE: 1997-08-26
PRIOR FILING DATE: 1997-09-17
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR APPLICATION NUMBER: 60/059263
PRIOR APPLICATION NUMBER: 60/059588
PRIOR APPLICATION NUMBER: 60/059588
PRIOR PRILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/06285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/06285
PRIOR APPLICATION NUMBER: 60/062816
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NUMBER OF SEQ ID
SEQ ID NO 124
LENGTH: 20
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 16;
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3130R1C5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1999-11-29
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TYPE: DNA
ORGANISM: Artificial Sequence
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              OR APPLICATION NUMBER: 60/062285
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/062816
OR FILING DATE: 1997-10-24
OR APPLICATION NUMBER: 60/063082
OR FILING DATE: 1997-10-31
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Similarity 84.2%;
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David A. Botstein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Colin K. Watanabe
P.Mickey Williams
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Napoleone Ferrara
Sherman Fong
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No. US20030180796A1
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Audrey Goddard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dan L. Eaton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Daniel Tumas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Margaret Ann Roy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mary A. Napier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Austin L. Gurney
Ivar J. Kljavin
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Hanspeter Gerber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Paul J. Godowski
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              James Pan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Micholas F. Paoni
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ennie P.
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NUMBER: 60/063329
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Pred. No. 9.5e+02.
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R FILING DATE: 1997-10-27
R APPLICATION NUMBER: 60/0
R FILING DATE: 1997-10-29
R APPLICATION NUMBER: 60/0
R APPLICATION NUMBER: 60/0
R FILING DATE: 1997-11-21

NUMBER: 60/063733 : 1997-10-29 1997-10-27

60/066364

FILING DATE: APPLICATION I

NUMBER: 60/069694 NUMBER: 60/066840

60/074092

APPLICATION

PELICATION NUMBER: 1999-06-14 PELICATION NUMBER: 09/333 ILING DATE: 1999-06-14 PELICATION NUMBER: 09/333 ILING DATE: 1999-06-14 PELICATION NUMBER: 09/333 ILING DATE: 1999-08-25 PELICATION NUMBER: 09/380 ILING DATE: 1999-08-25 PELICATION NUMBER: 09/403 ILING DATE: 1999-10-18 PELICATION NUMBER: 09/403 ILING DATE: 1999-10-18 PELICATION NUMBER: 09/403 ILING DATE: 1999-11-12 PELICATION NUMBER: 09/423 ILING DATE: 1999-11-12 PELICATION NUMBER: 09/423 ILING DATE: 1999-11-12 PELICATION NUMBER: 09/62 ILING DATE: 1999-11-12 PELICATION NUMBER: 09/665 ILING DATE: 2000-04-13 PELICATION NUMBER: 09/665 ILING DATE: 2000-09-18 PELICATION NUMBER: 09/665 ILING DATE: 2001-05-30 PELICATION NUMBER: 09/867 ILING DATE: 2001-05-30 PELICATION NUMBER: 09/867 ILING DATE: 2001-05-30 PELICATION NUMBER: 09/867 ILING DATE: 1998-09-16 PELICATION NUMBER: 09/867 ILING DATE: 1998-09-16 PELICATION NUMBER: 09/87 ILING DATE: 1998-09-16 PELICATION NUMBER: PCT/US ILING DATE: 1998-09-16 PELICATION NUMBER: PCT/US ILING DATE: 1998-09-16 PELICATION NUMBER: PCT/US ILING DATE: 1998-12-01 PELICATION NUMBER: PCT/US ILING DATE: 1998-12-01 PELICATION NUMBER: PCT/US ILING DATE: 1998-12-01 PELICATION NUMBER: PCT/US ILING DATE: 1998-12-05 ILING DATE: 1998-12-05 ILING DATE: 1998-12-05 ILING DATE: 1998-12-07 PELICATION NUMBER: PCT/US ILING DATE: 1998-12-07 PELICATION NUMBER: PCT/US ILING DATE: 1998-12-05 PELICATION NUMBER: PCT/US ILING DATE: 1998-03-08 PELICATION NUMBER: PCT/US ILING DATE: 1998-03-08 PELICATION NUMBER: PCT/US ILING DATE: 1999-03-08 PELICATION NUMBER: PCT/US PELICATION NUMBER	·	
FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/332 FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/333 FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/333 FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/380 FILING DATE: 1999-08-25 APPLICATION NUMBER: 09/380 FILING DATE: 1999-08-25 APPLICATION NUMBER: 09/403 FILING DATE: 1999-10-18 APPLICATION NUMBER: 09/403 FILING DATE: 1999-10-18 APPLICATION NUMBER: 09/403 FILING DATE: 1999-11-12 APPLICATION NUMBER: 09/423 FILING DATE: 1999-11-12 APPLICATION NUMBER: 09/624 FILING DATE: 1999-11-12 APPLICATION NUMBER: 09/624 FILING DATE: 2000-04-13 APPLICATION NUMBER: 09/665 FILING DATE: 2000-09-18 APPLICATION NUMBER: 09/665 FILING DATE: 2000-09-18 APPLICATION NUMBER: 09/665 FILING DATE: 2001-06-19 APPLICATION NUMBER: 09/870 FILING DATE: 2001-06-07 FILING DATE: 2001-06-09 APPLICATION NUMBER: 09/870 FILING DATE: 2001-06-09 APPLICATION NUMBER: 09/870 FILING DATE: 1998-09-17 APPLICATION NUMBER: 09/870 FILING DATE: 1998-09-17 APPLICATION NUMBER: 09/870 FILING DATE: 1998-09-16 APPLICATION NUMBER: 07/US FILING DATE: 1998-09-17 APPLICATION NUMBER: 07/US FILING DATE: 1998-09-16 APPLICATION NUMBER: 07/US FILING DATE: 1998-09-09-09-09-09-09-09-09-09-09-09-09-09-	** ** ** ** ** ** ** ** ** ** ** ** **	
FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/332 FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/333 FILING DATE: 1999-06-14 APPLICATION NUMBER: 09/333 FILING DATE: 1999-06-05-06-14 APPLICATION NUMBER: 09/380 FILING DATE: 1999-08-25-06-12 APPLICATION NUMBER: 09/380 FILING DATE: 1999-08-25-06-12 APPLICATION NUMBER: 09/403 FILING DATE: 1999-10-18 APPLICATION NUMBER: 09/403 FILING DATE: 1999-10-18 APPLICATION NUMBER: 09/403 FILING DATE: 1999-11-10-06-10-06-10-06-10-06-06-06-06-06-06-06-06-06-06-06-06-06	PRIOR	PRIOR PRIOR PRIOR PRIOR PRIOR
1999-06-14 NUMBER: 09/33 1999-06-14 1999-06-14 NUMBER: 09/33 1999-06-25 NUMBER: 09/38 1999-08-25 NUMBER: 09/38 1999-08-25 NUMBER: 09/40 1999-08-25 NUMBER: 09/40 1999-10-18 NUMBER: 09/40 1999-10-18 NUMBER: 09/40 1999-10-18 NUMBER: 09/62 2000-09-19 1099-11-10 NUMBER: 09/66 2000-09-18 NUMBER: 09/66 2000-09-18 NUMBER: 09/67 2000-09-18 NUMBER: 09/66 2001-05-09 NUMBER: 09/80 2001-05-09 NUMBER: 09/80 2001-05-09 NUMBER: 09/80 2001-05-19 NUMBER: PCT/US 1998-09-11 NUMBER: PCT/US 1998-09-16 NUMBER: PCT/US 1998-09-16 NUMBER: PCT/US 1998-09-16 NUMBER: PCT/US 1998-09-16 NUMBER: PCT/US 1999-03-06-02 NUMBER: PCT/US	APPLICATION PILLING DATE PILLING DATE APPLICATION PILLING DATE	FILING DATE APPLICATION FILING DATE APPLICATION APPLICATION
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PRIOR PRIOR

FILING DATE: 1998-10-28 APPLICATION NUMBER: 60/109304 FILING DATE: 1998-11-20

APPLICATION NUMBER: 60/125778

FILING DATE:

: 1998-09-24 NUMBER: 60/106032

FILING DATE: 1998-09-10
APPLICATION NUMBER: 60/100858
FILING DATE: 1998-09-17
APPLICATION NUMBER: 60/101922

FILING DATE: 1998-08-18
APPLICATION NUMBER: 60/099601
FILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099803
FILING DATE: 1998-09-10

APPLICATION FILING DATE:

APPLICATION NUMBER: 60/099812

1998-09-10 NUMBER: 60/099811 FILING DATE: 1998-04-08
APPLICATION NUMBER: 60/095998
FILING DATE: 1998-08-10
APPLICATION NUMBER: 60/097000

APPLICATION NUMBER: 60/ FILING DATE: 1998-02-09 APPLICATION NUMBER: 60/079294 APPLICATION NUMBER: 60/ FILING DATE: 1997-12-16 APPLICATION NUMBER: 60/074086

NUMBER: 60/081049

FILING DATE: 1999-07-20
APPLICATION NUMBER: 60/145698
FILING DATE: 1999-07-26

PILING DATE: 1999-03-23
APPLICATION NUMBER: 60/139695
FILING DATE: 1999-06-15
APPLICATION NUMBER: 60/145070

FILLING DATE: 1999-07-26
APPLICATION NUMBER: 60/149396
FILING DATE: 1999-08-17
APPLICATION NUMBER: 60/169495

1999-12-07

FILING DATE: 1997 -09-19
APPLICATION NUMBER: 08/960507
FILING DATE: 1997-10-29
APPLICATION NUMBER: 09/114844
FILING DATE: 1998-07-14

APPLICATION FILING DATE: APPLICATION

NUMBER: 08/933821 : 1997 -09-19 NUMBER: 08/918874 : 1997-08-26

R FILING DATE:
A APPLICATION N

N NUMBER: 09/180997 E: 1998-09-10 N NUMBER: 09/202088 E: 1998-12-08

1998-09-21

N NUMBER: 09/254311 E: 1999-03-03 N NUMBER: 09/254460 E: 1999-03-09

FILING DATE: 1998-08-19
APPLICATION NUMBER: 09/136828
FILING DATE: 1998-08-19
APPLICATION NUMBER: 09/158342

APPLICATION NUMBER: 09/136801 FILING DATE: 1998-08-19 APPLICATION NUMBER: 09/136804

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APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 4265
LENGTH: 20
TYPE: 7...
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US-10-032-585-4265
                                                                                                                     US-10-032-585-5326
                                                                                                                               APPLICANT: Terry, Roemer D.
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5326
LENGTH: 20
TYPE: NNA
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Best Local Similarity 84.2
Matches 16; Conservative
                                                                                     Query Match
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Best Local Similarity
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PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
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                           1300 AGCTCAGCCAACTGACAAG 1318
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Pred. No. 9.5e+02;
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NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5770
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5770
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; APPLICANT: Texry, Roemer D.
; APPLICANT: Bo, Jiang
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                                                                                                                                RESULT 1382
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APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5522
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5522, Application US/10032585 Publication No. US20030180953A1 GENERAL INFORMATION:
                                    GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
                                                                         Sequence 124, A Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5770, Application US/10032585 Publication No. US20030180953A1
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Best Local Similarity 84.2%;
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Best Local Similarity
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
TILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
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Ashkenazi, Avi
Botstein, David
                                                                       Application US/10299937
b. US20030185846A1
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34.2%; Pred. No. 9.5e+02
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Pred. No. 9.5e+02;
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APPLICANT:

Desnoyers,

Luc

Eaton, Dan L.

Ferrara, Napoleone Filvaroff, Ellen

PPLICANT:

Fong,

, Sherman Wei-Qiang

PPLICANT:

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RESULT 1383
US-10-352-615-21
US-10-352-615-21
; Sequence 21, Application US/10352615
; Publication No. US20030190285A1
; GENERAL INFORMATION:
; APPLICANT: VAN DEN VEN, W.J.M.
; SCHOERNAKERS, H.F.P.M.
; TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
; CRAFT
                                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                                                                                                                                                             ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide probe
US-10-299-937-124
                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 124
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/299,937
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1999-11-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/143,048 PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-10-05
NUMBER OF SEQUENCES: 164
                                                                                                                                                                                                                                                                                       2701 TTGAGTTTCTCAGGTGCTA 2719
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                  TTGCCTTACTCAGGTGCTA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Stewart, Timothy A.
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Grimaldi, Christopher J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tumas, Daniel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kljavin, Ivar J.
Mather, Jennie P.
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                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hanspeter
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                                                                                                                                                                                                                                                                                                                             0;
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Pred. No. 9.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                    Length
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US-10-148-835-119/c
US-10-148-835-119
                                                                                                                                                 APPLICANT: SAITO et al.
TITLE OF INVENTION: MUTANT ER ALPHA AND TEST SYSTEMS FOR TRANSACTIVATION
FILE REFERENCE: 2185-0648P
CURRENT APPLICATION NUMBER: US/10/148,835
CURRENT FILING DATE: 2002-10-11
NUMBER OF SEQ ID NOS: 213
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 119
                                                                                                                                                                                                                                                                                                                      Sequence 119, Application US/10148835
Publication No. US20030207380A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                    OTHER INFORMATION: Description of Artificial Sequence:Designed OTHER INFORMATION: oligonucleotide probe for Southern hybridization
                                                             LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US/10/352,615
FILING DATE: 28-Jan-2003
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/894,454
FILING DATE: 15-AUG-1997
APPLICATION NUMBER: PCT/EP/00716
FILING DATE: 19-FEB-1996
APPLICATION NUMBER: 95200390.3
FILING DATE: 17-FEB-1995
APPLICATION NUMBER: 95201951.1
FILING DATE: 14-JUL-1995
APPLICATION NUMBER: 95201951.1
FILING DATE: 14-JUL-1995
APPLICATION NUMBER: 95201951.1
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSES: The Webb Law Firm
STREET: 700 Koppers Building,
CITY: Pitteburgh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 412-471-8815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           326 GCAGCTCAGTTTCCTTTCC 344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 Similarity
16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Johnson, Barbara E
REGISTRATION NUMBER: 31,198
REFERENCE/DOCKET NUMBER: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
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Pred. No. 9.5e+02;
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Query Match

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Score 14.2;

DB 1;

84.2%;

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                                                                                                                                                   Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
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Matches 16; Conserv
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APPLICANT: Wood, William, I.
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P1618P2C84
CURRENT APPLICATION NUMBER: US/10/298,993
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 2000-02-22
PRIOR PPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR PPLICATION NUMBER: US 60/143,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
                                                                                                                                                                                                                          PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
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PRIOR APPLICATION NUMBER: PCT/US99/23089
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                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                              TYPE: DNA
                                                                                                                                       LENGTH: 20
                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/20944 FILING DATE: 1999-09-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28
                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/20594
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Stewart, Timothy A.
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Grimaldi, Christopher
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Gerritsen, Mary E.
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Filvaroff, Ellen
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Eaton, Dan L.
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Botstein, David
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o. US20030211576A1
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0: Mismatches 3;
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                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-448-753-88
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-144-140-81
                                                                                                                                                                                                      APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTSENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT PLILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: US/10/027,983
PRIOR APPLICATION NUMBER: US/10/027,983
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 88
LENGTH: 20
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: RTS-0362
CURRENT APPLICATION NUMBER: US/10/144,140
CURRENT FILLNG DATE: 2002-05-10
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 88, Applica Publication No. US20 GENERAL INFORMATION:
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Best Local
                                                               Matches 16;
                                                                                            Query Match
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TITLE OF INVENTION: ANTISENSE MODULATION OF DYRK4 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kenneth W. APPLICANT: Susan M.
                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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                                                                                Local
                                1780 CCTGGTTTCTCTCCAAGGG 1798
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                                                                                h 0.3%;
Similarity 84.2%;
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 CCTGGTTCCTGTCCAAGAG 20
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No. US20030211611A1
                                                                Conservative
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                                                               0; Mismatches
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                                                                                Score 14.2; DB 1;
Pred. No. 9.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 14.2; DB 1
Pred. No. 9.5e+02
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Pred. No. 9.5e+02
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                                                                                                 DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
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                                                                                               Length 20
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RESULT 1388 US-10-314-578-48 ; Sequence 48, Ap

Application US/10314578

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APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
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                                                                                                                                                                    ; TYPE: DNA
; ORANISM: Artificial Sequence
; FEATURE;
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1055
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US-10-314-578-1055/c
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Best Local Similarity 80.0%;
Matches 16; Conservative
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1055
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SEQ ID NO 48
LENGTH: 20
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                                                                                                                            Query Match
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NAME/KEY: modified base
LOCATION: (8)...(8)
OTHER INFORMATION: m5c
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                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2000-08-23
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OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                              ENGTH: 20
                                                                                  Local Similarity
les 16; Conserv
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                                       CCCCCAAGAAACATCCCGC 906
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o. US20030212026A1
                                                                                  Conservative
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                                                                               Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02
0; Mismatches
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                                                                                                                                                                                       SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SEQ ID NO 2
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Best Local (
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                                                                         Matches
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                                                                                                                                                                                                                                                                                 APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN
FILE REFERENCE: ISPH-0664
CURRENT APPLICATION NUMBER: US/10/147,196
CURRENT FILING DATE: 2002-05-15
NUMBER OF SEQ ID NOS: 124
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PRIOR FILING DATE: 1996-09-26
PRIOR APPLICATION NUMBER: 60/020,813
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APPLICANT: Gu, Mingcheng
APPLICANT: Zhao, Jing Zhang
APPLICANT: Caskey, C. Thomas
APPLICANT: Kochanek, Stefan
                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Rosanne M. Crooke APPLICANT: Mark J. Graham
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US97/10371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/419,549
CURRENT FILING DATE: 2003-04-21
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                   1342 AGGTCAAGGCCTTGCTGCA 1360
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l Similarity 84.2%;
16; Conservative
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 AGGGCAAAGCCTTGCTGAA 2
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No. US20030215943A1
                                                                         Conservative
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                                                                     Score 14.2; DB 1
Pred. No. 9.5e+02
0; Mismatches
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RESULT 1392

US-10-174-364-81/c

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CURRENT FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: 05/10/19/835
PRIOR FILING DATE: 2000-03-20
PRIOR PILING DATE: 2000-03-22
PRIOR FILING DATE: 2000-03-22
PRIOR PILING DATE: 2000-03-22
PRIOR PILING DATE: 2000-03-22
PRIOR PILING DATE: 2000-03-22
PRIOR PILING DATE: 2000-03-25
PRIOR PILING DATE: 2000-03-26
PRIOR PILING DATE: 2000-03-26
PRIOR PILING DATE: 2000-03-26
PRIOR APPLICATION NUMBER: 60/192,665
PRIOR APPLICATION NUMBER: 60/192,667
PRIOR APPLICATION NUMBER: 60/192,667
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                                                                                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-10-154-708-88
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US-10-154-708-88/c
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                                                                                                                                                                                                                                                     Sequence 88, Application US/10154708
publication to. US20030219895A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CDC-LIKE KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0213
CURRENT APPLICATION NUMBER: US/10/154,708
CURRENT FILING DATE: 2002-05-22
NUMBER OF SEQ ID NOS: 143
SEQ ID NO 88
LENGTH: 20
TYPE: NA
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                        Query Match
Best Local S
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/192,984
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/192,664
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/192,836
PRIOR APPLICATION NUMBER: 60/192,836
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TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: OTHER INFORMATION: Description of Artificial Sequence:chemically OTHER INFORMATION: synthesized
                                                                                                                                                                              FEATURE:
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0.3%; Score 14.2; DB 1; Length 20; Local Similarity 84.2%; Pred. No. 9.5e+02; hes 16; Conservative 0; Mismatches 3; Indels
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US-10-154-708-142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF CATHEDSIN Z EXPRESSION FILE REPERENCE: RTS-0398
CURRENT APPLICATION NUMBER: US/10/159,266
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 48, Application US/10159266 Publication No. US20030224511A1 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 158
SEQ ID NO 122
LENGTH: 20
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Best Local 9
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                                               APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CATHEPSIN Z EXPRESSION
FILE REFERENCE: RTS-0398
CURRENT APPLICATION NUMBER: US/10/159,266
CURRENT FILING DATE: 2002-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/154,708 CURRENT FILING DATE: 2002-05-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                      5005 CCAGCCTGGCTGCCAGGGA 5023
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o. US20030224511A1
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b. US20030219895A1
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84.2%; Pred. No. 9.5e+02
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US-10-160-807-64/c
                                                                                                                         US-10-160-807-212
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                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 1398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-10-160-807-64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/160,807
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                           Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    Sequence 212, Application US/10160807 Publication No. US20030224514A1
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Best Local (
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                       APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
                                                                                                                                                                              NUMBER OF SEQ ID NOS: 296
EQ ID NO 212
LENGTH: 20
                                                                                                                                                                                                                               FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/160,807
CURRENT FILING DATE: 2002-05-31
                                                                                                                                                                                                                                                                                                    APPLICANT: William Gaarde APPLICANT: Susan M. Freie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: RTS-0189
                                                                                                                                                   ORGANISM: H. sapiens
                                                                                                                                                                    TYPE: DNA
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                            1664 CCAGCTCCTGCAGCAGATG 1682
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CAAGCTGCTGCAGAAGATG 19
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                                                            Conservative
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Pred. No. 9.5e+02;
                                                                         Score 14.2;
Pred. No. 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 14.2;
Pred. No. 9
                                                            Mismatches
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                                                                         9.5e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SUSAIN M. Freier
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STITILE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0395
CURRENT APPLICATION NUMBER: US/10/161,996
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 273
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Best Local Similarity
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                            CURRENT APPLICATION NUMBER: US/10/448,923
CURRENT FILING DATE: 2003-05-29
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
                                                                                                                                    APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/145,698 FILING DATE: 1999-07-26
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                                                                                                                                                                                                                                                                                                                                         Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gerritsen, Mary E.
                                                                                                                                                                                                                                                Roy, Margaret Ann
Stewart, Timothy A.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Botstein, David
                                                                                                                                                                                                                                                                                                                          Mather,
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b. US20030224515A1
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                                                                                                                                                                                                                                 Daniel
                                                                                                                                                                                                                                                                                                                          Jennie P.
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84.2%;
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Matches
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SEQ ID NO 124
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
CURRENT APPLICATION NUMBER: US/10/004,378A CURRENT FILING DATE: 2001-10-24 PRIOR APPLICATION NUMBER: 60/242,882 PRIOR FILING DATE: 2000-10-24 PRIOR APPLICATION NUMBER: 60/242,765 PRIOR FILING DATE: 2000-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
                                                                                                           TITLE OF INVENTION: No. US20030228301A1el Human TITLE OF INVENTION: Methods of Using the Same FILE REFERENCE: 21402-179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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nes 16; Conserv
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                                                                                                                                                               Ellerman, Karen
Gangolli, Esha A
                                                                                                                                                                                                                                                                                                                                                                                                                 Vernet, Correcty A
                                                                                                                                                                                                     Gunther, Erik
Stone, David J
                                                                                                                                                                                                                                                         Gerlach, Valerie
Edinger, Schlomit
MacDougall, John R
                                                                                                                                                                                                                                                                                                                                 Shenoy, Suresh G
Grosse, William M
Alsobrook II, John P
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Tchernev, Velizar T
Vernet, Corrine A
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o. US20030228301A1
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Pred. No. 9.5e+02;
0; Mismatches 3;
                                                                                                                                                Proteins,
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                                                                                                                                                Polynucleotides  
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-556
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 157
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: 60/242,767
PRIOR APPLICATION NUMBER: 60/243,622
PRIOR APPLICATION NUMBER: 60/243,622
PRIOR APPLICATION NUMBER: 60/243,622
PRIOR APPLICATION NUMBER: 60/273,047
PRIOR FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 60/243,591
PRIOR FILING DATE: 2000-10-26
PRIOR FILING DATE: 2000-10-27
                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 947
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 556
LENGTH: 20
                                   Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local (
                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wyatt, Jacqueline R. APPLICANT: Borchers, Alexander APPLICANT: Vickers, Timothy A. TITLE OF INVENTION: IDENTIFICATION BY TITLE OF INVENTION: GENERATION OF TITLE OF INVENTION: GENERATION OF
                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: ISIS-4503
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                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                    TYPE: DNA
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FILING DATE: 2001-06-22
APPLICATION NUMBER: 60/242,789
FILING DATE: 2000-10-24
1342 AGGTCAAGGCCTTGCTGCA 1360
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16; Conserv
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Freier, Susan M.
Sasmor, Henri M.
Brooks, Douglas G.
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Pred. No. 9.5e
0; Mismatches
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Pred. No. 9.5e+02;
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RESULT 1405
US-10-174-771-125
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US-10-174-771-56/c
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US-10-174-771-13
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                                                     GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
FILE REFERENCE: RTS-0430
CURRENT APPLICATION NUMBER: US/10/174,771
CURRENT FILING DATE: 2002-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 56, Application US/10174771 Publication No. US20030232034A1 GENERAL INFORMATION:
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Publication No. US20030232034A1
GENERAL INFORMATION:
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LENGTH: 20
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 125
LENGTH: 20
                                                                                                                                                                Sequence 125, Application US/10174771 Publication No. US20030232034A1
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Best Local :
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CURRENT APPLICATION NUMBER: US/10/174,771
CURRENT FILING DATE: 2002-06-17
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TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
FILE REFERENCE: RTS-0430
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
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SEQ ID NO 13
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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84.2%;
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Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e+02;
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RESULT 1408
US-10-177-798-29
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Sequence 93, Application US/10173817
Publication No. US20030232438A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: SUBAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KO:
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/173,817
CURRENT FILING DATE: 2002-06-17
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US-10-173-817-93
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                                                                                                                  US-10-173-817-93
                                                                                                                                    ; NUMBER OF SEQ ID NOS: 1
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DIA
; ORGANISM: H. sapiens
; FEATURE:
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APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION UNMERSE: US/10/173,817
CURRENT FILING DATE: 2002-06-17
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SEQ ID NO 22
LENGTH: 20
                                                                         Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                           2628 ACATTTGAGGCAGGAGTCA 2646
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Similarity 84.2%;
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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                                                                         Score 14.2; DB 1;
Pred. No. 9.5e+02;
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RESULT 1410
US-10-271-602B-29
; Sequence 29, Application US/10271602B
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-798-29
                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-20
                                                                                                                                                                                           Best Local Similarity Matches 16; Conserv
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Sequence 20, Application US/10271602B
Publication No. US20040002073A1
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 29
LENGTH: 20
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PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR APPLICATION NUMBER: 60/329,619
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CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
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APPLICANT: Ghazala Hashmi
APPLICANT: Michael Seul
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: PTS-0047
CURRENT APPLICATION NUMBER: US/10/177,798
CURRENT FILING DATE: 2002-06-19
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ORPHAN G-PROTEIN COUPLED RECEPTOR GPRC5B
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/364,416 PRIOR FILING DATE: 2002-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02
                                                                                                                                                                                             Mismatches
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US-10-271-602B-29
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CURRENT APPLICATION NUMBER: US/10/271,602B
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,620
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR FILING DATE: 2002-03-14
                                                                                                                                                    US-10-271-602B-50
                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/271,602B
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
PRIOR PPLICATION NUMBER: 60/329,620
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR PILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR PILING DATE: 2001-10-15
PRIOR FILING DATE: 2001-10-15
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
                                                 Matches 16; Conservative
                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                        SEQ ID NO 50
LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Publication No. US20040002073A1
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APPLICANT: Ghazala Hashmi
APPLICANT: Michael Seul
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/364,416
PRIOR FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 212
SOFTWARE: FASTSEQ for Windows Versio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Alice Xiang Li
APPLICANT: Ghazala Hashmi
APPLICANT: Michael Seul
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
FILE REFERENCE: eMAP-US
                                                                                                                                                                              TYPE: DNA
ORGANISM: Human
  1540 TCCTGCAGCTCATTAAGTC 1558
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                                                 0; Mismatches
                                                                           Score 14.2; DB 1;
Pred. No. 9.5e+02;
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                                                                                                        DB 1;
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RESULT 1414
US-10-174-014-30
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US-10-369-435-56/c
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US-10-186-157-16
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
FILE REFERENCE: RTS-0193
CURRENT APPLICATION NUMBER: US/10/186,157
CURRENT FILING DATE: 2002-06-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 16
LENGTH: 20
                                                        GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.2
SEQ ID NO 56
LENGTH: 20
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Publication No. US20040002151A1
GENERAL INFORMATION:
                                                                          Sequence 30, Application US/10174014
Publication No. US20040005292A1
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Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Timms, Peter
TITLE OF INVENTION: No. US20040002440A1el Diagnostic Agents and Uses Therefor FILE REFERENCE: 10338-15US (2615070/VPA)
CURRENT APPLICATION NUMBER: US/10/369,435
CURRENT FILING DATE: 2003-02-19
PRIOR APPLICATION NUMBER: AU PQ9540/00
PRIOR PETING DATE: 2000-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/AU01/01021 PRIOR FILING DATE: 2001-08-17 NUMBER OF SEQ ID NOS: 66
                   APPLICANT: C. APPLICANT: S
                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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C. Frank Bennett
Susan M. Freier
Kenneth W. Dobie
                                                                                                                                                                                                                                                               0.3%;
ilarity 84.2%;
Conservative
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02;
0; Mismatches 3;
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RESULT 1416
US-10-188-646-83
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                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-10-188-646-83
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US-10-174-014-61/c
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LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0373
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 83
SEQ ID NO 83
                                                                                                                                                                                                                                                                                              Sequence 83, Application US/10188646 Publication No. US20040005565A1 GENERAL INFORMATION:
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Publication No. US20040005292A1
GENERAL INFORMATION:
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Best Local (
Query Match
Best Local Similarity
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APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: PTS-0012
CURRENT APPLICATION NUMBER: US/10/174,014
CURRENT FILING DATE: 2002-06-17
UNMBER OF SEQ ID NOS: 73
                                                                                 LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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16; Conservative
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Similarity 84.2%;
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Pred. No. 9.5e+02;
0; Mismatches 3
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 Score 14.2; DB 1;
Pred. No. 9.5e+02;
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                Length 20,
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                                                                                                                                                                                                                                                             SEQ ID NO 5639
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 147
LENGTH: 20
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APPLICANT: C. Frank
APPLICANT: Kenneth
                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR APPLICATION DATE: EARLIER FILING DATE: 1998-04-21

NUMBER: OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET 020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen,
APPLICANT: Blumer
APPLICANT: Chumak
                                                                                                                                                       LOCATION: 1..20 TOTHER INFORMATION: upstream amplification primer 99-5756 for SEQ 1705,
                                                                                                                                                                                  NAME/KEY: primer_bind
LOCATION: 1..20
                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                       ORGANISM: Homo Sapiens
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                                                                                          Local Similarity
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                                                                      Score 14.2; DB 1
Pred. No. 9.5e+02
0; Mismatches
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Pred. No. 9.5e+02;
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                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               in constructing a high density..
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                                                                                                         Length 20
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APPLICANT: Chumakov, Ilya
ITITLE OF INVENTION: Biallelic markers for use in constructing a high de
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER EILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR PILING DATE: 1999-10-20
PRIOR PILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: BARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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SEQ ID NO 7908
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Publication No. US20040005584A1
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ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1.20
OTHER INFORMATION: downstream amplification primer 99-12575 for
             FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
LOCATION: 1..20
                                                                                              LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
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OTHER INFORMATION: downstream amplification primer 99-15098 for SEQ 519, in complem
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Local Similarity 84.2%;
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Pred. No. 9.5e+02
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Query Match

DB 1;

Length 20;

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PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10419
                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: GIUDICE, LINDA C.
APPLICANT: KAO, LEE C.
APPLICANT: KO, LEE C.
TITLE OF INVENTION: ENDOMETRIAL GENES IN ENDOMETRIAL
TITLE OF INVENTION: DISORDERS
FILE REFERENCE: STAN-266
                                                                                                SOFTWARE: FastSEQ for Windows Version SEQ ID NO 31
                                                                                                                                                                                                                                                                                                                                                         Sequence 31, Application US/10437733 Publication No. US20040005612A1
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Publication No. US20040005584A1
                                                                                                                               CURRENT APPLICATION NUMBER: US/10/437,733
CURRENT FILING DATE: 2003-05-13
PRIOR APPLICATION NUMBER: 60/380,689
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURKENY FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR DADITORYTON
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TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.023CCP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
FEATURE:
OTHER INFORMATION: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-11788 for SEQ 2554,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                              ORGANISM: Artificial Sequence
                                                         TYPE: DNA
                                                                              ENGTH: 20
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les 16; Conserv
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Pred. No. 9
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Pred. No. 9.5e+02;
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                                                                                                                   SEQ ID NO 124
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Publication
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PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
                                                                                                                                     Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 2003-05-29
PRIOR APPLICATION NUMBER: PCT/US00/04414
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/449,656
CURRENT FILING DATE: 2003-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                             PRIOR FILING DATE: 1999-11-29
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                                        TYPE: DNA
ORGANISM: Artificial
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PPLICANT:
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                                                                                                ENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2000-02-22
                                                                                                                                                                                           FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                  FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                            FILING DATE: 1999-09-15
                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              148 TCAGCTGCCACTGGACACT 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            124, Application US/10449656 ion No. US20040005665A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19 TGAGCTGCCACTTGACATT 1
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hillan, Kenneth, J.
Kljavin, Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Godowski, Paul J.
Grimaldi, Christopher J.
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Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Desnoyers, Luc
Eaton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ashkenazi, Avi
Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gurney, Austin L.
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art, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Daniel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hanspeter
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Pred. No. 9.5e+02
0; Mismatches
                                                                                                                                                         See File Wrapper or PALM
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FREICANT: Gusan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION

FILE REFERENCE: PTS-0038

CURRENT APPLICATION NUMBER: US/10/189,267

CURRENT FILING DATE: 2002-07-02

NUMBER OF SEQ ID NOS: 284

SEQ ID NO 199

LENGTH: 20

TYPE: DNA
ORGANISM: H. Sapiens

FEATURE:
US-10-100
RESULT 1426
US-10-448-713-124
; Sequence 124, A
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-267-56
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US-10-189-267-56
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CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 284
SEQ ID NO 56
LENGTH: 20
TYPE: NAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 56, Application US/10189267 Publication No. US20040006030A1 GENERAL INFORMATION:
                                                                                                                                       Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 199, Appublication No.
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                                                                                                                                                                     Query Match
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Brett P. Monia
APPLICANT: Susan M. Frei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: PTS-0038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                        5051 GAAATAGTGCAGCCTTTTC 5069
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 Application US/10448713
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o. US20040006030A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
                                                                                                                                                       Score 14.2; DB 1;
Pred. No. 9.5e+02;
                                                                                                                                        Mismatches
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                                                                                                                                                                   DB 1;
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                                                                                                                                        Indels
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILLING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILLING DATE: 1999-07-26
PRIOR PRIOR PRICING DATE: 1999-07-28
PRIOR PRICING DATE: 1999-07-28
PRIOR PRICING DATE: 1999-09-08
PRIOR PILLING DATE: 1999-09-09
PRIOR APPLICATION NUMBER: PCT/US99/2054
PRIOR FILLING DATE: 1999-09-13
PRIOR PRICING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR PILLING DATE: 1999-09-15
PRIOR PILLING DATE: 1999-09-15
PRIOR PILLING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR PILLING DATE: 1999-10-05
PRIOR PILLING DATE: 1999-11-29
PRIOR FILLING DATE: 1999-11-29
                                                                                                                                                                                                       Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                           Matches
                                                                                           Query Match
Best Local (
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APPLICANT: Williams, P. Mickey
APPLICANT: Williams, I.
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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CURRENT FILING DATE: 2003-05-29
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                                   2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                           16;
                                                                                             Similarity
TTGCCTTACTCAGGTGCTA 19
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gerritsen, Mary E
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Mather, Jennie P.
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art, Timothy A.
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                                                                                                                                                                     Description of Artificial oligonucleotide probe
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f, Ellen
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                                                                                           0.3%;
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                                                                         Score 14.2; Di
Pred. No. 9.5e
0; Mismatches
                                                                                             5e+02;
                                                                                                                                                                                                                                                                                                                             See File Wrapper or PALM
                                                                                                                 DB 1;
                                                                                                                                                                                         Sequence:
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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3148
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; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1329
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                                                                  Sequence 3148, Application US/10289762

Sequence 3148, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffals, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnorman diverse of invention and treatment of infection

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3148

LENGTH: 20
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Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1329
LENGTH: 20
TYPEE. NUM
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LENGTH: 20
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CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
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Local Similarity 84.2%;
les 16; Conservation
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16; Conserv
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02;
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RESULT 1432 US-10-289-762-6018/c

Sequence 6018, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment

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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4014
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US-10-289-762-4014
                                                                                                                                                                   ; ORGANISM: Chlamydia pneumoniae US-10-289-762-4648
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US-10-289-762-4648
                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
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SEQ ID NO 4014
LENGTH: 20
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SEQ ID NO 4648
LENGTH: 20
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Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
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Best Local Similarity
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Best Local Similarity
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Best Local Similarity 84.2%;
                                                                                                                                                                                                        TYPE: DNA
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                                       944 TTCAAACGAGAATCCCCGA 962
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2 TTGAAGAGAGAATCCCCGA 20
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02
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Pred. No. 9.5e+02
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; Sequence 6232, Application US/10289762
; Publication No. US20040006218A1
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; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6018
                                                                                                                   ; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Chlamydia pneumoniae US-10-289-762-6232
                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventive of invention: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6317
LENGTH: 20
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT APPLICATION NUMBER: US/10/289,762
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6632
LENGTH: 20
TYPE SEQ ID NOS: 6849
SEQ ID NO 6632
                        0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservation
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CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6018
LENGTH: 20
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    2223 CCCTTTAACATCACTCACC 2241
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Pred. No. 9.5e+02;
0; Mismatches 3
                                                        Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
                                        Mismatches
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Best Local Similarity
Matches 16; Conserv
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US-10-199-675-25

Sequence 25, Application US/10199675

Publication No. US20040014050A1

GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF EDG8 EXPRESSION
FILE REFERENCE: RTS-0371
CURRENT APPLICATION NUMBER: US/10/199,675
CURRENT FILING DATE: 2002-07-19
NUMBER OF SEQ ID NOS: 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-10-199-199-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/199,199
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 23
LENGTH: 20
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CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIM
FILE REFERENCE: RTS-0375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and ITILE OF INVENTION: thereof and uses thereof, in particular fulls OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Griffais, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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Pred. No. 9.5e+02
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Pred. No. 9.5e+02;
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Query Match
Best Local Similarity 8
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US-10-199-675-93/c
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                                                                                                 ; OTHER INFORMATION: Oligonucleotide ZC13532 US-10-198-695-9
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LENGTH: 20
TYPE: DNA
                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/198,695
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/10198695
Publication No. US20040014650A1
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SEQ ID NO 93
LENGTH: 20.
                              Best Local Similarity Matches 16; Conserv
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APPLICANT: William Gaarde
APPLICANT: Kenneth W. Dol
                                                               Query Match
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Publication No.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kenneth W. Dobie TITLE OF INVENTION: ANTISENSE MODULATION OF EDG8 EXPRESSION FILE REFERENCE: RTS-0371 CURRENT APPLICATION NUMBER: US/10/199,675 CURRENT FILING DATE: 2002-07-19
                                                                                                                                                                                                                                                                                           APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
TITLE OF INVENTION: IMMUNE FUNCTION
                                                                                                                                                                                                                                                                               FILE REFERENCE: 99-12
                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: H. sapiens
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 2492 GACAGGGATGAAGTACAAC 2510
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; Pred. No. 9.5e.
0; Mismatches
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Pred. No. 9.5e+02;
0; Mismatches 3;
                              0; Mismatches
                                              Score 14.2; DB 1;
Pred. No. 9.5e+02;
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, ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: LOC51242 for US-10-435-696-217
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                                                                   Matches
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SOFTWARE: Patentin version 3.1
SEQ ID NO 287
LENGTH: 20
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GENERAL INFORMATION
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Best Local Similarity
Matches 16; Conserv
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                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Munch of Marc
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: LeA 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR APPLICATION NUMBER: EP03010291.9
PRIOR APPLICATION NUMBER: EP03010291.9
PRIOR APPLICATION NUMBER: EP03010291.9
PRIOR FILING DATE: 2002-05-21
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APPLICANT: Wirtz, Marc
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS,
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: LeA 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR APPLICATION NUMBER: EP03003112.9
PRIOR PILING DATE: 2003-02-13
PRIOR PILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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2407 TCGAGGAGGAAGAATCAC 2425
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o. US20040018525A1
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                                                                                   Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02
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SEQ ID NO 177
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                               Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: 60/380,872
PRIOR FILING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: 60/448,922
PRIOR FILING DATE: 2003-02-24
PRIOR FILING DATE: 2003-02-24
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NUMBER OF SEQ ID NOS: 185
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CURRENT FILING DATE: 2003-05-19
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APPLICANT: SCHILLING, JIM
TITLE OF INVENTION: NOVEL BIOMARKERS OF TYROSINE KINASE INHIBITOR EXPOSURE
TITLE OF INVENTION: AND ACTIVITY IN MAMMALS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: DEPRIMO, SAMUEL APPLICANT: O'FARRELL, ANNI
                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Anderson, David W
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ORGANISM: Artificial Sequence
FEATURE:
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                       Taupier Jr., Raymond J
Guo, Xiaojia Sasha
Miller, Charles E
Shenoy, Suresh G
Hjalt, Tord
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MANNING, WILLIAM
WALTER, SARAH
Hjalt, 1011
Voss, Edward Z
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                                                                                                                                                                Patturajan, Meera
Spytek, Kimberly A
                                                                                                                                                                                                                  Gorman, Linda
Pena, Carol EA
                                                                                                                                                                                                                                                    Casman, Stacie J
Gerlach, Valerie
Shimkets, Richard A
                                                                                                                                                                                                                                                                                                          Zhong, Mei
                                                                                                                                                                                                                                                                                                                                         Zerhusen, Bryan D
                                                                                                               MacDougall, John R
                                                                                                                               Rastelli, Luca
                                                                                                                                              Leite, Mario W
                                                                                                                                                                                                                                                                                                                                                                                          Application US/10161493
b. US20040018555A1
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Pred. No. 9.5e
0; Mismatches
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US-10-161-493-194/c
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SEQ ID NO 189
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                       Sequence 194, A;
Publication No.
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Best Local 9
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: 60/295,607
PRIOR FILING DATE: 2001-06-04
                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/297,567 PRIOR FILING DATE: 2001-06-12
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                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                      APPLICANT: Anderson, David W
APPLICANT: Zerhusen, Bryan I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/337,524
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                PPLICANT
                                                                                             PPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/341,143 FILING DATE: 2001-12-14
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APPLICATION NUMBER: 60/359,151
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                                                                                            Gorman, Li...
Gorman, Carol EA
                            Rekuda, Ramesh
Patturajan, Meera
Spytek, Kimberly A
Leite, Mario W
Rastelli, Luca
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Shimkets, killinda
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Zhong, Mei
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Edinger, Shlomit R
Millet, Isabelle
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Padigaru, Muralidhara
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Gerlach, Valerie
MacDougall, John R
Taupier Jr., Raymo
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Raymond J
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Pred. No. 9.5e+02
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RESULT 1445
US-10-379-182-4
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SEQ ID NO 194
                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                  PRIOR APPLICATION NUMBER: US 08/906,379
PRIOR FILING DATE: 1997-08-05
PRIOR APPLICATION NUMBER: US 07/873,438
PRIOR FILING DATE: 1992-04-24
NUMBER OF SEQ ID NOS: 9
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TITLE OF INVENTION: Acids Encoding the Antigens,
FILE REFERENCE: 21402-377A
CURRENT APPLICATION NUMBER: US/10/161,493
CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: 60/295,607
PRIOR FILING DATE: 2001-06-04
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PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: 60/359,151
PRIOR FILING DATE: 2002-02-21
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PRIOR FILING DATE: 2001-06-06
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PRIOR FILING DATE: 2001-11-16
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Voss, Edward Z
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Edinger, Shlomit R
Millet, Isabelle
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Malyankar, Uriel M
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84.2%; Pred. No. 9.5e+02;
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                                                                                                                                                                                         FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/10/425,447
CURRENT FILING DATE: 2003-04-28
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR PILING DATE: 1999-07-07
PRIOR PILING DATE: 1999-07-07
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
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LENGTH: 20
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Best Local :
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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TYPE: DNA
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                             OR FILING DATE: 1999-09-08
OR APPLICATION NUMBER: PCT/US99/20944
OR APPLICATION NUMBER: PCT/US99/21090
OR APPLICATION NUMBER: PCT/US99/21090
OR FILING DATE: 1999-09-15
OR APPLICATION NUMBER: PCT/US99/21547
OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-09-15
OR FILING DATE: 1999-10-05
OR FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214 FILING DATE: 1999-11-29
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Stewart, ...
Stewart, ...
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher
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Mather, Jennie P.
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Pred. No. 9.5e+02
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See File Wrapper or PALM.

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CURRENT APPLICATION NUMBER: US/10/444,206
CURRENT FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: 09/851,871
PRIOR FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996 12 31
NUMBER OF SEQ ID NOS: 444
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 33
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US-10-211-179-39
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Best Local S
Matches 16
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Best Local Similarity
Matches 16; Consert
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CURRENT FILING DATE: 2002-08-01
NUMBER OF SEQ ID NOS: 119
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                               Sequence 33, Application US/10444206 Publication No. US20040023917A1 GENERAL INFORMATION:
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Publication No. US20040023906A1
GENERAL INFORMATION:
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SEQ ID NO 124
LENGTH: 20
                                                                                                                                                                                                                                                                                             APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
APPLICANT: Vickers, Timothy A.
APPLICANT: Karras, James G.
TITLE OF INVENTION: Oligonuclectide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTYROSYL PHOSPHATASE ACTIVATOR EXPI
FILE REFERENCE: PTS-0011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Nicholas M. Dean APPLICANT: Kenneth W. Dobi
                                                                                                                                                                                                                                                                               FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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  NO 33
TH: 20
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9
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; TYPE: DNA
; TYPE: DNA
; PEACHNISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-33
                                                                     ; FEATURE:
; OTHER INFORMATION: DNA primer, RBv8-WR2 primer
US-10-467-019-35
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US-10-312-184A-40/c
                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/467,019
CURRENT FILING DATE: 2003-08-01
PRIOR APPLICATION NUMBER: JP2001-026820
PRIOR FILING DATE: 2001-02-02
NUMBER OF SEQ ID NOS: 71
SEQ ID NO 35
LENGTH: 20
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SEQ ID NO 40
LENGTH: 20
TYPE: DNA
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APPLICANT: Bionomics Limited
APPLICANT: Wallace, Robyn H
APPLICANT: Wulley, John C
APPLICANT: Berkovic, Samuel F
APPLICANT: Harkin, Louise A
APPLICANT: Dibbens, Leanne M
TITLE OF INVENTION: MUTARION ASSOCIATED WITH EPILEPSY
FILE REFERENCE: 1386/10
                                                                                                                                                                                                                                                                                                                                Sequence 35, Applica Publication No. US20 GENERAL INFORMATION:
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 Matches 16;
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Best Local &
                    Best Local
                                  Query Match
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                                                                                                                                                                                                                                                                               APPLICANT: Takeda Chemical Industries, Ltd.
TITLE OF INVENTION: No. US20040048314A1el Phisiological Active Peptide
FILE REFERENCE: P01-0295PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                            TYPE: DNA
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Similarity 84.2%;
16; Conservative
                    Similarity
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No. US20040048314A1
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Pred. No. 9.5e
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Pred. No. 9.5e+02
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Pred. No. 9.5e+02;
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                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide US-10-380-124-64
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SEQ ID NO 8
LENGTH: 20
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Publication No.
                                                     Matches
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LENGTH: 20
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                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/380,124
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION FILE REFERENCE: RTS-0156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: GB 0205268.6
PRIOR FILING DATE: 2002-03-06
PRIOR APPLICATION NUMBER: GB 0004576.5
PRIOR FILING DATE: 2000-02-25
PRIOR APPLICATION NUMBER: GB 0031341.1
PRIOR FILING DATE: 2000-12-21
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CURRENT APPLICATION NUMBER: US/10/382,478A
CURRENT FILING DATE: 2003-03-06
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Isis Pharmaceuticals, Inc. APPLICANT: Brett P. Monia
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                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                   Local Similarity
mes 16; Conserv
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746 GCTGGACCAGCTCATCGAG 764
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                                                                                                                                                                                                                                                                                                                         Brett P. Monia
Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                              Application US/10380124 No. US20040053874A1
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Stamps, Alasdair Craig
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                                                   Conservative
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                                                 Score 14.2; DB 1;
Pred. No. 9.5e+02;
n. Mismatches 3;
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Pred. No. 9.
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RESULT 1454
US-10-246-583-81/c
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; TYPE: DNA
; ORGANISM: Artificial sequence
; PEATURE:
; OTHER INFORMATION: Primer
US-10-312-045-8
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Best Local Similarity
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CURRENT FILING DATE: 2002-12-23
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: PCT/GB01/02817
PRIOR FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: GB 0024544.9
PRIOR FILING DATE: 2000-10-06
PRIOR FILING DATE: 2000-10-06
                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2002-06-17
PRIOR APPLICATION NUMBER: 60/190,835
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: 60/190,768
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/246,583
CURRENT FILING DATE: 2002-12-06
PRICE APPLICATION NUMBER: 10/174,364
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TITLE OF INVENTION: MODIFICATION OF HEPATITIS B CORE ANTIGEN
FILE REFERENCE: 117-432 / N78451B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                          PRIOR APPLICATION NUMBER: 60/192,664 PRIOR FILING DATE: 2000-03-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME FILE REFERENCE: 15966-729CIP2CON1
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                                                                                   FILING DATE: 2000-03-28
APPLICATION NUMBER: 60/192,657
FILING DATE: 2000-03-28
APPLICATION NUMBER: 60/192,984
FILING DATE: 2000-03-28
                                                                                                                                                                                                  APPLICATION NUMBER: 60/192,665
                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: 2000-03
                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/191,199
                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/190,972 FILING DATE: 2000-03-22
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Paul PUMPENS
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Application data removed - NOS: 128
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Pred. No. 9.
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APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: US/10/655,847
PRIOR APPLICATION NUMBER: US/10/160,807
PRIOR APPLICATION NUMBER: US/10/160,807
PRIOR FILING DATE: 2003-09-05
NUMBER OF SEQ ID NO 64
LENGTH: 20
TYPE: DN'
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US-10-655-847-212
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                                                 PRIOR APPLICATION NUMBER: 2003-09-05
PRIOR FILING DATE: 2003-09-05
PRIOR FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 212
LENGTH: 20
TYPP: """
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SEQ ID NO 81
                                                                                                                                                                                                                                                           Sequence 212, Application US/10655847 Publication No. US20040063129A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                     APPLICANT: SUBAN M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/655,847
CURRENT FILING DATE: 2003-09-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                    TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: Description of Artificial Sequence:chemically OTHER INFORMATION: synthesized
               FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity 84.:
1es 16; Conservative
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02;
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APPLICANT: FitsGerald, David J.

APPLICANT: FitsGerald, David J.

APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: A Chimeric Protein Comprising Non-Toxic Pset
FILE REFERENCE: 015280-429100US
FILE REFERENCE: 015280-429100US
CURRENT APPLICATION NUMBER: US/10/432,412
CURRENT APPLICATION NUMBER: US/10/432,412
PRIOR APPLICATION NUMBER: US 60/257,877
PRIOR APPLICATION NUMBER: WO PCT/US01/49143
PRIOR FILING DATE: 2000-12-21
PRIOR FILING DATE: 2001-12-20
NUMBER: OF SEQ ID NOS: 36
NUMBER: DESCRIPTION SECTION OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
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Publication No.
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                                                                                               COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 for WINDOWS
CURRENT APPLICATION DATA:
                                                                                                                                                                                  ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Antisense Oligonucleotide Inhibition NUMBER OF SEQUENCES: 55
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                   PRIOR
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                                  APPLICATION NUMBER: US/10/643,130 FILING DATE: 18-Aug-2003 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                ADDRESSEE: Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                         STATE: NJ
                                                                                                                                                                                                                                                                                        CITY: Marlton
                                                                                                                                                                                                                                                 COUNTRY: USA
APPLICATION NUMBER: US/09/575,554
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No. US20040071731A1
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84.2%; Pred. No. 9.5e+02;
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                                                                                                                                             ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-10-418-251-1
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                                                                                                                                                                                                                  SEQ ID NO 1
LENGTH: 20
TYPE: DNA
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                                                                        Matches
                                                                                                     Query Match
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TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/10/418,251
CURRENT FILING DATE: 2003-04-18
PRIOR APPLICATION NUMBER: US/09/033,936
PRIOR PILING DATE: 1998-03-02
PRIOR FILING DATE: 1998-03-02
PRIOR FILING DATE: 1996-08-29
NUMBER OF SEO ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: TOMIZUKA, KAZUMA
APPLICANT: YOSHIDA, HITOSH
APPLICANT: HANAOKA, KAZUNOI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                               ORGANISM: Artificial Sequence
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INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                               FEATURE:
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APPLICATION NUMBER: 07/958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/ACENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0463
TELECOMMUNICATION INFORMATION:
                        1740 TGGAACATGGGTAACGCCC 1758
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                                                                                    Similarity
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HANAOKA, KAZUNORI
OSHIMURA, MITSUO
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TOPOLOGY: Linear
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APPLICATION NUMBER: PCT/US93/09346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: August 3, 1998
APPLICATION NUMBER: 08/411,734
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                                                                                  0.3%;
84.2%;
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Pred. No. 9.5e+02;
0; Mismatches 3
                                                                                      Score 14.2; DB 1;
Pred. No. 9.5e+02;
                                                                 Mismatches
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US-10-363-828-61/c
                                                                                                                                                    ; OTHER INFORMATION: Completely Synthesized US-10-619-284A-52
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE EXPRESSION
FILE REFERENCE: RTSP-0164
CURRENT APPLICATION NUMBER: US/10/363,828
CURRENT APPLICATION NUMBER: US/10/363,828
CURRENT FILLING DATE: 2003-03-06
PRIOR APPLICATION NUMBER: 09/657,481
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 61
LENGTH: 20
                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.2
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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                                                                         Matches
                                                                                           Query Match
Best Local Similarity
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CURRENT FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: US 10/139842
PRIOR FILING DATE: 2002-05-06
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kukhtin, Alexander TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY TITLE OF INVENTION: POSITIONING FILE REFERENCE: ANL-IN-01-052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Argonne National Laboratory APPLICANT: Yershov, Gennadiy
                                                                                                                                                                                         ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                  1715 CATGATCACCATCTTCATC 1733
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19 CATCATCATCATCATC 1
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Alferov, Oleg
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                                                                       Conservative
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                                                                                             84.2%;
                                                                         0; Mismatches
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                                                                                           Score 14.2; DB 1
Pred. No. 9.5e+02
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Pred. No. 9.5e+02;
                                                                                                                DB 1;
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                                                                                                              Length 20
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RESULT 1462 US-10-619-284A-74/c

Sequence 74, Application US/10619284A Publication No. US20040077099A1 GENERAL INFORMATION:

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-455
RESULT 1464
US-10-280-183A-457
; Sequence 457, Application US/10280183A
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                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/280,183A
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: 60/200,794
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 652
SOFTWARE: Patentin Ver. 3.1
SEQ ID NO 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/619,284A CURRENT FILING DATE: 2003-07-14 PRIOR APPLICATION NUMBER: US 10/139842 PRIOR FILING DATE: 2002-05-06 NUMBER OF SEQ ID NOS: 74 SOFTWARE: PatentIn version 3.2 SEQ ID NO 74
                                                                                                                                                Matches
                                                                                                                                                                              Query Match
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Pfizer Inc. APPLICANT: Bachmanov,
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tordoff, Michael G.
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETNERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Argonne National Laboratory
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TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial FEATURE:
                                                                                                                                              Local Similarity hes 16; Conserv
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                                                                                                                4080 AGCCCTCAGTGAGCTGCCA 4098
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Alferov, Oleg
Kukhtin, Alexander
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Beauchamp, Gary K.
Chatterjee, Aurobindo
De Jong, Pieter J
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Danielle R.
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Pred. No. 9.5e
0; Mismatches
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Pred. No. 9.5e+02;
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NUMBER OF SEQ ID NOS: 652

SOFTWARE: PATENTIN Ver. 3.1

SEQ ID NO 457

LENGTH: 20

TYPE: DNA

ORGANISM: Mouse
US-10-280-183A-457
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                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-10-643-432-22
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                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
PRIOR APPLICATION NUMBER: US/10/173,817
PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 22
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22, Application US/10643432 Publication No. US20040087536A1 GENERAL INFORMATION:
                                                             Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                         APPLICANT: Kenneth W. Dobie
APPLICANT: Sugan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/280,183A CURRENT FILING DATE: 2002-10-25 PRIOR APPLICATION UMBER: 60/200,794 PRIOR FILING DATE: 2000-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Pfizer Inc. APPLICANT: Bachmanov,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Tordoff, Michael G.
TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETNERS
FILE REFERENCE: PC18306A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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                            2628 ACATTTGAGGCAGGAGTCA 2646
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Beauchamp, Gary K
Chatterjee, Aurobindo
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Reed, Danielle
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De Jong, Pieter J.
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Li, Xia
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                                                                            Score 14.2; DB 1
Pred. No. 9.5e+02
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Pred. No. 9.5e+02;
                                                               Mismatches
                                                                                           Length 20;
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RESULT 1466
US-10-643-432-93
; Sequence 93, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:

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APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Nick
TITLE OF INVENTION: MPCIL1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: JB01603-K-US
CURRENT APPLICATION NUMBER: US/10/621,758A
CURRENT FILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR FILING DATE: 2002-07-19
INUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PRANTER: Attificial Sequence
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                                                                                                                                                                                                                                                                 RESULT 1468
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SEQ ID NO 45
LENGTH: 20
TYPE: DNA
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PRIOR FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 93
LENGTH: 20
                                                                                                                                                                            Sequence 45, Application US/10298123
Publication No. US20040096830A1
GENERAL INFORMATION:
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Best Local Similarity 84.2%;
Matches 16; Conservative
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TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
FILE REFERENCE: RTS-0359
CURRENT APPLICATION NUMBER: US/10/643,432
CURRENT FILING DATE: 2003-08-19
                                                         CURRENT APPLICATION NUMBER: US/10/298,123
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 76
                                                                                                                    APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
FILE REPERENCE: HTS-0050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Altmann, Scott W APPLICANT: Wang, Luquan
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ORGANISM: H. sapiens
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Pred. No. 9.
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; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
ORGANISM: Artificial Sequence
; PATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-954-40
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US-10-298-954-40
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US-10-298-123-74
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-298-123-45
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION FILE REPERENCE: HTS-0050 CURRENT APPLICATION NUMBER: US/10/298,123 CURRENT FILING DATE: 2002-11-16 NUMBER OF SEQ ID NOS: 76 SEQ ID NO 74 LENGTH: 20
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                          Sequence 40, Application US/10298954
Publication No. US20040096833A1
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Kenneth W. Dobie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 74, Application US/10298123 Publication No. US20040096830A1
                                                                            Query Match
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                          APPLICANT: Ming-Yi Chiang
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: WODULATION OF FBP-INTERACTING REPRESSOR EXPRESSION
                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/298,954
CURRENT FILING DATE: 2002-11-16
                                                                                                                                                                                                                                                                                              FILE REFERENCE: HTS-0028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: H. sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4887 CCTGTGCCCTCCTCGAGGT 4905
                                4810 GGAAATCAGCTCCTATTCT 4828
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                                                                Conservative
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                                                                              Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
20
                                                                Mismatches
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                                                                Indels
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RESULT 1471 US-10-300-399-17 ; Sequence 17, Application US/10300399

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                                                    US-10-300-399-95
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                                                                                                                                               Sequence 95, Application US/10300399
Publication No. US20040097450A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
FILE REFERENCE: RTS-0173
CURRENT APPLICATION UMBER: US/10/300,399
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 34, Application US/10300399 Publication No. US20040097450A1 GENERAL INFORMATION:
                                                                                                                    SEQ ID NO 95
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local
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SEQ ID NO 34
LENGTH: 20
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SEQ ID NO 17
LENGTH: 20
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Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/300,399
CURRENT FILING DATE: 2002-11-19
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TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                  ORGANISM: H. sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
 Score 14.2; DB 1;
Pred. No. 9.5e+02;
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; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
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                                                                                                                 US-10-300-820-70
                                                                                                                                RESULT 1476
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                                                                                                                                                                                                                                                                                                                    US-10-300-611-86
        Sequence 70, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
FILE REFERENCE: RTS-0444
                                                                                                                                                                                                                                                              Query Match
Best Local S
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CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 136
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Ming-Yi Chiang
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: WODULATION OF NIDOGEN EXPRESSION
FILE REFERENCE: PTS-0059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 14, Application US/10300611 Publication No. US20040097451A1 GENERAL INFORMATION:
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION; MODULATION OF NIDOGEN EXPRESSION
FILE REFERENCE: PTS-0059
                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/300,611
CURRENT FILING DATE: 2002-11-19
CURRENT APPLICATION NUMBER: US/10/300,820
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      y Match 0.3%;
Local Similarity 84.2%;
nes 16; Conservative
                                                                                                                                                                                                                2996 GCAGCTGCCCATCTACACG 3014
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16; Conserv
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02;
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RESULT 1478
US-10-303-329-45
Sequence 45, Application US/10303329
Publication No. US20040101850A1
GENERAL IMPORMATION:
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US-10-300-820-145/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-820-70
                                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-329-45
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APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: MODULATION OF KALLIKREIN

FILE REFERENCE: RTS-0444

CURRENT APPLICATION NUMBER: US/10/300,820

CURRENT FILING DATE: 2002-11-19

NUMBER OF SEQ ID NOS: 162
                                                                                                                                                                    NUMBER OF SEQ ID NOS:
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
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Best Local
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LENGTH: 20
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                              Query Match
Best Local
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                                                Matches
                                                                                                                                                                                                                                    FILE REFERENCE: HTS-0005
CURRENT APPLICATION NUMBER: US/10/303,329
CURRENT FILING DATE: 2002-11-21
                                                                                                                                                                                                                                                                                                                 APPLICANT: C. APPLICANT: N
                                                                                                                                                                                                                                                                             APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF C-SRC TYROSINE KINASE EXPRESSION
                                                                                                                                          FEATURE:
                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: H. sapiens
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4918 CCAGCCACAGTTAAGCCAA 4936
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                                                l Similarity
16; Conserv
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                                                          0.3%;
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Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e+02;
0; Mismatches 3;
                                                              Score 14.2; DB 1; Pred. No. 9.5e+02;
                                                Mismatches
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                                               Indels
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RESULT 1481 US-10-302-028-61

Sequence 61, Applica Publication No. US20 GENERAL INFORMATION:

Application US/10302028

APPLICANT: C. APPLICANT: N: APPLICANT: K

C. Frank Bennett Nicholas M. Dean Kenneth W. Dobie

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                                                                                                                                     ; OTHER INFORMATION: AntiBense Oligonucleotide US-10-302-028-26
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US-10-302-028-26/c
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                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 82
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservation
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PRIOR FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: JF 2000-253862
PRIOR FILING DATE: 2000-08-24
NUMBER OF SEQ ID NOS: 72
SEQ ID NO 67
LENGTH: 20
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                                                                                  Query Match
Best Local
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Publication No.
                                                                                                                                                                                                                                                                                                                                             APPLICANT: C. APPLICANT: Ni APPLICANT: Ke
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CURRENT FILING DATE: 2002-11-21
                                                                                                                                                                                                                                                                                                           APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
FILE REFERENCE: HTS-0060
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CURRENT FILING DATE: 2003-02-21
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TITLE OF INVENTION: Novel G Protein Coupled Receptor Protein and Its Use
FILE REFERENCE: 2775 USOP
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OTHER INFORMATION: primer
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                                105 TCTCCTGACGTCTCCAGAG 123
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                                                                                 Similarity
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TCTCCTGACTTCTCAGGAG
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                                                                  Conservative
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                                                                                 0.3%;
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                                                                                 Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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                                                                    Mismatches
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US-10-304-125-24
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LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 24
LENGTH: 20
                                                     NUMBER OF SEQ ID NOS: 145
SEQ ID NO 95
LENGTH: 20
                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
FILE REFERENCE: PTS-0056
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APPLICANT: Susan M. Freier
APPLICANT: C. Frank Bennet
APPLICANT: Nicholas M. Des
APPLICANT: Kenneth W. Dobi
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                                                                                                               CURRENT APPLICATION NUMBER: US/10/304,125
CURRENT FILING DATE: 2002-11-23
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CURRENT FILING DATE: 2002-11-23
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         TYPE: DNA
ORGANISM: H. sapiens
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FEATURE:
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PPLICANT: Nicholas M. Dean
PPLICANT: Kenneth W. Dobie
PPLICANT: Kenneth W. Dobie
TILE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay

INTEL OF INVENTION: ANTISENSE MODULATION OF GF.

FILE REFERENCE: 01393/1

CURRENT APPLICATION NUMBER: US/10/688,706

CURRENT FILING DATE: 2003-10-17

PRIOR APPLICATION NUMBER: 60/419,268

PRIOR FILING DATE: 2002-10-17

NUMBER OF SEQ ID NOS: 3071

SOFTWARE: Patentin version 3.2

SEQ ID NO 922

LENGTH: 20

TYPE: NEW
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                                                                                                                              ; OTHER INFORMATION: human GFAT antisense US-10-688-706-1679
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PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1679
LENGTH: 20
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Publication No. US20040102412A1 
GENERAL INFORMATION:
                                                               Matches
                                                                            Query Match
Best Local Similarity
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Best Local Similarity 84.2%;
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Best Local :
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CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pharmacia Corp.

APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: artificial
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                                                                                                                                                                                              TYPE: DNA
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AGATTGAAGTGGAGGGTCC 19
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Pred. No. 9.5e+02
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Pred. No. 9.
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Pred. No. 9.5e+02;
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LENGTH: 20
TYPE: DNA
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Best Local Similarity
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LENGTH: 20
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Publication No. US20040102622A1
CURRENT APPLICATION NUMBER: US/10/315,765
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 128
SEQ ID NO 16
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                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
FILE REFERENCE: PTS-0020
CUDDENT ANY INSERT.
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CURRENT APPLICATION NUMBER: US/10/304,019
CURRENT FILING DATE: 2002-11-23
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CURRENT FILING DATE: 2002-11-23
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APPLICANT: Kenneth W. Dobie
TITLE OF THE GROWTH FACTOR RECEPTOR EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: H. sapiens
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Pred. No. 9.5e
O; Mismatches
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Pred. No. 9
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9.5e+02;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-16
                                                                                             US-10-316-243-29
                                                                                                                                                                                                                                                                                                                                                               US-10-316-243-29
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                                                                                                                                                        SEQ ID NO 29
LENGTH: 20
TYPE: DNA
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SEQ ID NO 85
LENGTH: 20
TYPE: DNA
                                Matches
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Best Local Similarity
Matches 16; Conserv
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                                                Query Match
Best Local
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Publication No. US20040110147A1
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Best Local Similarity
                                                                                                                                                                                                   CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 168
                                                                                                                                                                                                                     TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION FILE REFERENCE: RTS-00462 CURRENT APPLICATION NUMBER: US/10/316,243 CURRENT FILING DATE: 2002-12-09
                                                                                                                                                                                                                                                                                APPLICANT: Kenneth W. Dobie APPLICANT: Ravi Jain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: PTS-0020
CURRENT APPLICATION NUMBER: US/10/315,765
CURRENT FILING DATE: 2002-12-09
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APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kenneth W. Dobie TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                           FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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   270 CTCTCTCTCTTTCTCTCTC 288
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                                                Similarity
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Pred. No. 9
                                              Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
                                Mismatches
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                                                               DB 1;
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                                Indels
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US-10-316-243-50/c
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US-10-316-243-50
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SEQ ID NO 128
LENGTH: 20
TYPE: DNA
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Best Local Similarity 84.2
Matches 16; Conservative
                                                                                                                                                                           Sequence 128, Application US/10316243
Publication No. US20040110147A1
GENERAL INFORMATION:
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LENGTH: 20
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LENGTH: 20
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Best Local Similarity
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                                                                   FILE REFERENCE: RTS-0462
CURRENT APPLICATION NUMBER: US/10/316,243
CURRENT FILING DATE: 2002-12-09
                                                                                                                    APPLICANT: Kenneth W. Dobie
APPLICANT: Ravi Jain
TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: RTS-0462
CURRENT APPLICATION NUMBER: US/10/316,243
CURRENT FILING DATE: 2002-12-09
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CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 168
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APPLICANT: Ravi Jain
TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
FILE REFERENCE: RTS-0462
                                                    NUMBER OF SEQ ID NOS: 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 168
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APPLICANT: Ravi Jain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
0; Mismatches 3
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US-10-316-244-96/c
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US-10-316-244-194
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SEQ ID NO 96
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: C. Frank
APPLICANT: Kenneth
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Best Local Similarity
                                                          Matches
                                                                       Best Local Similarity
                                                                                       Query Match
                                                                                                                                                                                               SEQ ID NO 194
                                                                                                                                                                                                                                                                                                                                   Sequence 194, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Publication No. US20040110148A1
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                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/316,244
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 219
                                                                                                                                                                                                                                                          TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION FILE REFERENCE: HTS-0096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: HTS-0096
CURRENT APPLICATION NUMBER: US/10/316,244
CURRENT FILING DATE: 2002-12-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. Frank Bennett APPLICANT: Kenneth W. Dobi
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                                                                                                                                                LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
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                            1342 AGGTCAAGGCCTTGCTGCA 1360
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ATGTGAAGGCCCTGCTGCA 20
                                                                                                                                                                                                                                                                                       C. Frank Bennett
Kenneth W. Dobie
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D. US20040110148A1
                                                            Conservative
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                                                                        Score 14.2; DB 1;
Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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Pred. No. 9
                                                            Mismatches
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                                                                                          DB 1;
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RESULT 1496 US-10-316-516-23/c

Application US/10316516

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US-10-316-516-72
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US-10-316-516-126
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CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 23
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 134
SEQ ID NO 72
LENGTH: 20
                                                CURRENT APPLICATION NUMBER: US/10/316,516
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 126
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                            Sequence 126, Application US/10316516
Publication No. US20040110150A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                       APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
FILE REFERENCE: PTS-0057
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Erich Koller
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
FILE REFERENCE: PTS-0057
                                                                                                                                                                                           APPLICANT: Erich Koller APPLICANT: Kenneth W. 1
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CURRENT FILING DATE: 2002-12-10
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TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                FEATURE:
                           ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ilarity 84.2%;
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Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e
0; Mismatches
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RESULT 1501 US-10-317-803-125/c

Sequence 125, Application US/10317803 Publication No. US20040115640A1 GENERAL INFORMATION:

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US-10-316-667-27/c
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Best Local S
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Best Local S
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Publication No. US20040110700A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: MODULATION OF CD1D EXPRESSION
FILE REFERENCE: RTS-0349
CURRENT APPLICATION NUMBER: US/10/316,667
CURRENT FILING DATE: 2002-12-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: MODULATION OF CDID EXPRESSION
FILE REFERENCE: RTS-0349
CURRENT APPLICATION NUMBER: US/10/316,667
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 69
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
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SEQ ID NO 55
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Best Local Similarity
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                                                                                                                                                     LENGTH: 20
TYPE: DNA
                                                                                                                         ORGANISM: H. FEATURE:
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                          4612 CAGTGCCCTCCTGGAGTGA 4630
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; Pred. No. 9.5e
0; Mismatches
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Pred. No. 9.5e+02
0; Mismatches
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Pred. No. 9.5e+02
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RESULT 1503
US-10-319-893-144/c
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Publication No. US20040115649A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ABCCS EXPRESSION
FILE REFERENCE: RTS-0419
CURRENT APPLICATION NUMBER: US/10/319,893
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 157
SEQ ID NO 69
LENGTH: 20
                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ABCCS EXPRESSION
FILE REFERENCE: RTS-0419
CURRENT APPLICATION NUMBER: US/10/319,893
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 157
SEQ ID NO 144
LENGTH: 20
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TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
FILE REFERENCE: RTS-0454
CURRENT APPLICATION NUMBER: US/10/317,803
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 125
LENGTH: 20
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Publication No. US20040115649A1
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                                        Query Match 0.3%;
Best Local Similarity 84.2%;
    Matches
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ORGANISM: H. sapiens
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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    Conservative
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                                    Score 14.2; DB 1;
Pred. No. 9.5e+02;
Mismatches
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RESULT 1506  US-10-319-915-23 ; Sequence 23, Application US/10319915 ; Publication No. US20040115653A1 ; GENERAL INFORMATION: ; APPLICANT: Kenneth W. Dobie ; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION ; FILE REFERENCE: RTS-0447 ; CURRENT APPLICATION NUMBER: US/10/319,915 ; CURRENT FILING DATE: 2002-12-12 ; NUMBER OF SEQ ID NOS: 279	Ouery Match O.3%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 9.5e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0; Oy 4656 GAAGAGTCTGGGTAGCTTG 4674 Oy 1	S/10319914 52A1 1e 1e 1. US/10/319,914 12-12	Query Match O.3%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 9.5e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0; Qy 4656 GAAGAGTCTGGGTAGCTTG 4674	19-914-55 19-914-55 10-914-55 10-914-55 action No. US20040115652A1 AL INFORMATION: ICANT: Lex M. Cowsert INMEDIA INMEDIA INFORMATION: Antisense Oligonucleotide INFORMATION: Antisense Oligonucleotide INFORMATION: Antisense Oligonucleotide	Oy 4060 GCAGGACTGCCATGCAGTG 4078  Db 19 GCATGACTGCCATGGAGAG 1

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US-10-319-915-160
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-23
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US-10-319-915-160
                                                                                                                                 US-10-316-515-36
                                                                                                                                                                                               SEQ ID NO 36
LENGTH: 20
TYPE: DNA
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SEQ ID NO 160
LENGTH: 20
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Publication No. US20040116365A1
GENERAL INFORMATION:
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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Best Local Similarity 84.2%;
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Best Local Similarity
                                                                Matches
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CURRENT APPLICATION NUMBER: US/10/316,515
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 76
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TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
FILE REFERENCE: RTS-0447
CURRENT APPLICATION NUMBER: US/10/319,915
CURRENT FILING DATE: 2002-12-12
                                                                                                                                                                                                                                                                                                                               APPLICANT: Alexander H. Borchers APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                     FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                            ORGANISM: Artificial Sequence
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                                4997 CGTGCTCTCCAGCCTGGCT 5015
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                                                                              84.2%;
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Pred. No. 9.5e+02;
0; Mismatches 3;
                                                                <u>0</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
                                                               Score 14.2; DB 1;
Pred. No. 9.5e+02;
0; Mismatches 3;
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Pred. No. 9.5e+02
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                                                                                             Length 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20
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US-10-467-008-23
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US-10-633-008-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-10-467-008-23
                                                                                                             PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR TILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR FILING DATE: 1999-03-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 23, Application US/10467008
Publication No. US20040116366A1
GENERAL INFORMATION:
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 09/780,045
PRIOR FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 16, Appropriate Publication No.
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/467,008
CURRENT FILING DATE: 2003-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Isis Pharmaceuticals, APPLICANT: Brett P. Monia APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US/10/265,542
PRIOR FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT FILE REFERENCE: 39766/0100P1 CURRENT APPLICATION NUMBER: US/10/633,008 CURRENT FILING DATE: 2003-07-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US02/02805
PRIOR FILING DATE: 2002-01-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ashkenazi, Avi J.
APPLICANT: Fong, Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 0.3%;
Local Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tumas, Daniel
Van Lookren, Menno
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/10633008 o. US20040120957A1
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Pred. No. 9.5e+02;
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OTHER INFORMATION: Synthetic oligonucloetide probe

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US-10-763-992-19
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-318-389-56
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US-10-318-389-56
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Best Local S
Matches 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: PTS-0062
CURRENT APPLICATION NUMBER: US/10/318,389
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 56
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: C. Frank
APPLICANT: Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 56, Application US/10318389
Publication No. US20040121328A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 8A EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
COMPUTER READABLE FORM:

REDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION NOMBER: US/10/763,992
FILING DATE: 22-Jan-2004
CLASSIFICATION: <Unknown>
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Local Similarity 84.2%;
hes 16; Conservative
                                                                                                                                                                                                                                                                                                                      HODGES, Steven C.
KLASS, Michael R.
KRATOCHVIL, Jon D.
ROBERTS-RAPP, Lisa
RUSSELL, John C.
RUSSELL, John C.
RUSSELL, JOHN G.
RUSSELL, JOHN G.
RUSSELL, JOHN G.
REAGENTS AND METHODS USEFUL
                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE ADDRESSEE Laboratories
STREET: 100 Abbott Park Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: COHEN, Maurice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 158 CTGGACACTTCAATTGTAC 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16;
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                                                                                                                                                                                                  CITY: Abbott Park
STATE: IL
                                                                                                                                                                                   COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Frank Bennett
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                                                                                                                                                                                                                                                                                                         FOR DETECTING DISEASES OF THE PROSTATE
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Pred. No. 9.5e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.2; DB 1;
Pred. No. 9.5e+02;
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GENERAL INFORMATION:

APPLICANT: Altmann, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Michael
APPLICANT: Murgolo, Nick
FILE REFERENCE: JB01603K2 US
CURRENT APPLICATION NUMBER: US/10/663,208A
CURRENT FILING DATE: 2003-09-16_
PRIOR APPLICATION NUMBER: 10/603,7442
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR FILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 10/646,301
PRIOR FILING DATE: 2003-08-22
NUMBER OF SEO ID NOS: 50
SOFTWARE: Patentin version 3.1
SEO ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                      ; OTHER INFORMATION: primer US-10-663-208A-20
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US-10-663-208A-20/c
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                                                                              Matches
                                                                                               Query Match
Best Local (
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Best Local Similarity 84.2%;
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INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/418,887
FILING DATE: 15-OCT-1999
APPLICATION NUMBER: US/08/946,869
FILING DATE: 08-OCT-1997
ATTORNEY/ACENT INFORMATION:
RAME: BECKET, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5697.US.P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
                                     3698 CAAAGCCCAGGAGGCTGAT 3716
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19 CARAGCCCAGGATGAGGAT 1
                                                                              16;
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                                                                                            h 0.3%;
Similarity 84.2%;
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                                                                              Conservative
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                                                                              0
                                                                                                 Score 14.2;
Pred. No. 9
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Pred. No. 9.5e+02;
                                                                              Mismatches
                                                                                               9.5e+02
                                                                                                                     DB 1;
                                                                                                               Length 20;
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US-10-671-95-128/c US-10-671-95-128/c ; Sequence 128, Application US/10671395 ; Publication No. US20040132063A1

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RESULT 1516

US-10-671-995-351/c

; Sequence 351, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:
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US-10-671-395-214/c
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                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.2 SEQ ID NO 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.3%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
                 APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.2
EQ ID NO 128
LENGTH: 20
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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APPLICANT: Gierse, James
CURRENT APPLICATION NUMBER: US/10/671,395
                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Human PGE2 antisense
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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Pred. No. 9.5e+02;
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Pred. No. 9.
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9.5e+02;
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US-10-671-395-534

Sequence 534, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:

APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 534
LENGTH: 20

FILE REFERENCE: 1179/1/US

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                                                                                                                                    ; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-401
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LENGTH: 20
; TYPE: DNA
ORGANISM: artificial
; FEATURE:
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US-10-671-395-401/c
                                                                  Query Match
Best Local S
Matches 16
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LENGTH: 20
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Best Local (
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PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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SOFTWARE: PatentIn version 3.2
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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20 CTGCCCACAGCCTGGTGAT 2
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16; Conserv
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Similarity 84.2%;
16; Conservative
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Pred. No. 9.5e
0; Mismatches
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Pred. No. 9.5e+02;
0; Mismatches 3
                                                                                     9.5e+02;
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OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-786
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APPLICANT: Giere, James K
APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2:
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VETBION 3:2
SEQ ID NO 786
LENGTH: 20
TWONE. NAM
                                                                                                                                 PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1149
LENGTH: 20
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Best Local Similarity 84.2%;
Matches 16; Conservative
Query Match
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Best Local :
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                                                                                                                                                                                                                                                     APPLICANT: Pharmacia Corp.
APPLICANT: Gierge, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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ORGANISM: artificial
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ORGANISM: artificial
FEATURE:
                                                                                               ORGANISM: artificial
                                                                                                                     TYPE: DNA
                                                        OTHER INFORMATION: Human PGE2
                                                                            FEATURE:
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Pred. No. 9.5e+02;
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Pred. No. 9.5e+02
0; Mismatches
  Score 14.2;
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Length 20;
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APPLICANT: Pharmacia Corp.

APPLICANT: Colca, Jerry
ITITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455 1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: Patentin version 3.2
SEQ ID NO 278
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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CURRENT FILING DATE: 2003-09-25;
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25;
NUMBER OF SEQ ID NOS: 1809;
SOFTWARE: PATENTIN VERSION 3.2;
SEQ ID NO 1297
LENGTH: 20
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Publication No. US20040132078A1
GENERAL INFORMATION:
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTIGENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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Best Local S
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Best Local Similarity 84.2%;
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ORGANISM: artificial
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                                    357 CTGAAACAGGAAGTCAGTC 375
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                                                                                       h 0.3%; Score 14.2; DB 1; Similarity 84.2%; Pred. No. 9.5e+02;
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Pred. No. 9.5e+02;
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0; Mismatches 3
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RESULT 1523 US-10-728-399-370

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; ORGANISM: homo sapien
US-10-745-377-21
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US-10-745-377-21/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 21
LENGTH: 20
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Best Local Similarity
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PRIOR FILING DATE: 2000-06-23
NUMBER OF COLUMBER O
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CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 370
LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF mitoNEET EXPRESSION
FILE REFERENCE: 01455_1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
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PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
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PRIOR APPLICATION NUMBER: 09/654,323
PRIOR FILING DATE: 2000-09-01
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CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
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Local Similarity 84.2%;
les 16; Conservation
                                                                           4832 GTGGAGAGATCTGGCCTCA 4850
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20 GTGGTGTGATCTGGGCTCA 2
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                                                                                                                                                               Conservative
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Pred. No. 9
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Pred. No. 9.5e+02;
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SEQ ID NO 20
                                                                                                          NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
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Best Local Similarity 84.2%;
Matches 16; Conservative
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APPLICANT: Muzgolo, Nick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE; JB01603-K1-US
CURRENT APPLICATION NUMBER: US/10/646,301A
CURRENT FILING DATE: 2003-08-22
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                                                                                                                                                 PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: US 60/062,285
PRIOR FILING DATE: 1997-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P1618P2C83
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PRIOR FILLING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR FILLING DATE: 2003-07-17
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                         TYPE: DNA
ORGANISM: Artificial Sequence
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CURRENT FILING DATE: 2002-08-08
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TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Synthetic Oligonucleotide Probe
                      FEATURE:
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                                                                                      LENGTH:
                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US00/04414
FILING DATE: 2000-02-22
APPLICATION NUMBER: PCT/US98/18824
FILING DATE: 1998-09-10
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 09/665,350 FILING DATE: 2000-09-18
                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/099,803
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Gurney, Austin L.
Hillan, Kenneth
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Wood, William I.
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b. US20040137561A1
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Pred. No. 9.5e+02
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                                                            APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Napier, Mary A.
APPLICANT: Nood, William I.
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
APPLICATION: COMPOUNDS, COMPOSITIONS
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS
TITLE REFERENCE: P1216R1(US)
FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/10/785,220
CURRENT APPLICATION NUMBER: US/09/254,465
PRIOR PILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: US/09/24855
PRIOR APPLICATION NUMBER: US/00/66,364
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
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Publication No. US20040141918A1
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APPLICANT:
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CURRENT FILING DATE: 2004-02-19
PRIOR APPLICATION NUMBER: 09/858,152
PRIOR FILING DATE: 2001-05-14
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APPLICANT: Ashkenazi, Avi
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NUMBER OF SEQ ID NOS: 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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ORGANISM: Artificial Sequence
FEATURE:
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                         APPLICATION NUMBER: US 60/078,936 FILING DATE: 1998-03-20
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Similarity 84.2%;
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Buttitta, Fiamma
Smith, Gilbert H.
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1998-03-20
NUMBER: PCT/US98/19437
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02;
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US-10-785-433-16 RESULT 1530

Sequence 16, Application US/10785433 Publication No. US20040141972A1

GENERAL INFORMATION:
APPLICANT: Genentech, Inc
APPLICANT: Ashkenazi, Av:
APPLICANT: Fong, Sherman

Inc.

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Query Match
Best Local Similarity
Matches 16; Conserve
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US-10-785-221-16
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                                                                                                                                           OTHER INFORMATION: Synthetic oligonucleotide US-10-785-221-16
                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 30
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 199
NUMBER OF SEQ ID NOS:
SEQ ID NO 16
LENGTH: 20
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                                                                      Matches
                                                                                     Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR PELING DATE: 1999-03-05
PRIOR PILING DATE: 1998-11-20
PRIOR PILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/785,221
CURRENT FILING DATE: 2004-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: GUTNEY, AUSTIN L.
APPLICANT: Napier, Mary A.
APPLICANT: Tunas, Daniel
APPLICANT: Tunas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENTIFILE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Genentech, I APPLICANT: Ashkenazi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
                                                                                                                                                                          FEATURE:
                               2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2701 TTGAGTTTCTCAGGTGCTA 2719
                                                                      16;
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                                                                                       Similarity
TTGCCTTACTCAGGTGCTA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Fong, Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/10785221
o. US20040141971A1
                                                                      Conservative
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                                                                                       84.2%;
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                                                                                       Score 14.2;
Pred. No. 9.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 14.2;
Pred. No. 9
                                                                      Mismatches
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                                                                                         9.5e+02
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                                                                                                      DB 1; Length 20;
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                                                                      Gaps
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PRIOR FILING DATE: PCT/US
PRIOR APPLICATION NUMBER: PCT/US
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 16
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/785,433
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR PILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: US/09/24855
PRIOR APPLICATION NUMBER: US/09/66,364
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION WIMBER: US/09/66,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US/09/68,364
PRIOR APPLICATION NUMBER: US/09/68,364
PRIOR APPLICATION NUMBER: US/09/078,936
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-785-433-16
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Best Local Similarity
                                                                                       Query Match
Best Local
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                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALITITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
EQ ID NO 51
LENGTH: 20
                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Baker, APPLICANT: Benne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ISPH-0501
                                                                                                                                                                        OTHER INFORMATION: Synthetic
                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: artificial sequence FEATURE:
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267 CCCCTCTCTCTCTTCTCT 285
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                                                                   l Similarity
16; Conserv
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Wood, William I.
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Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/10652795
lo. US20040142346A1
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                                                                   Conservative
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                                                                                     Score 14.2; DB 1
Pred. No. 9.5e+02
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Pred. No. 9.5e+02
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                                                                   Mismatches
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                                                                                                         Length 20;
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PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR FILING DATE: 1999-05-18
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 287
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE: 1998-10-05
                                                                                 ; OTHER INFORMATION: Synthetic US-10-652-795-287
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; OTHER INFORMATION: Synthetic
US-10-652-795-195
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SEQ ID NO 195
LENGTH: 20
Query Match 0.:
Best Local Similarity 84.:
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL
TITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/652,795
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
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PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: ISPH-0501
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Match 0.3%;
Local Similarity 84.2%;
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o. US20040142346A1
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                     0.3%;
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  Score 14.2; DB 1,
Pred. No. 9.5e+02,
0; Mismatches
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Pred. No. 9
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                                        Length 20;
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; OTHER INFORMATION: Synthetic US-10-647-918-51
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                                                                                                PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR ETILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 51
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1998-1
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 51, Application US/10647918 Publication No. US20040152652A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/647,918
CURRENT FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR FILING DATE: 1999-05-18
                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALITITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. I
APPLICANT: Butler, Madel
APPLICANT: Shanahan, Wil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US/09/824,322B PRIOR FILING DATE: 2001-04-02 PRIOR PLICATION NUMBER: US 09/313,932 PRIOR FILING DATE: 1999-05-18 PRIOR APPLICATION NUMBER: US 09/166,186 PRIOR FILING DATE: 1998-10-05
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APPLICANT: Butler, Madeline M.
APPLICANT: Shanshan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
TITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2003-08-29
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                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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Pred. No. 9.5e+02;
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CURRENT APPLICATION NUMBER: US/10/647,918
CURRENT FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Marches 16; Conserva
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US-10-647-918-287/c
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                                                      NUMBER OF SEQ
SEQ ID NO 287
                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 287, Appublication No.
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                                                                        PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
                                                                                                                                                                   FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
CURRENT FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR FILING DATE: 2001-04-02
                                                                                                                                                                                                                                                                    APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
TITLE OF INVENTION: ALPHA) EXPRESSION
                                                                                                                                                                                                                                                                                                            APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. I
APPLICANT: Butler, Madel
APPLICANT: Shanahan, Wi
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APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALP
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                      ENGTH: 20
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Pred. No. 9.5e+02;
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Pred. No. 9
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FEATURE:

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APPLICANT: Ahn, Chang Ho
APPLICANT: Ahn, Chang Ho
APPLICANT: Mao, Lingjun
APPLICANT: Mao, Lingjun
APPLICANT: Jiang, Xiaoming
TITLE OF INVENTION: Antisense Oligonucleotides that inhibit expression of HIF-1
FILE REFERENCE: REX 7034
CURRENT FILING DATE: 2004-01-28
NUMBER OF SEQ ID NOS: 130
SOFTWARE: PatentIn version 3.1
SEQ ID NO 86
LENGTH: 20
TYPE. T...
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CURRENT FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,3228
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR PPLICATION NUMBER: US 09/166,186
PRIOR PRIOR PILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 374
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Best Local
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local :
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GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALITITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Baker, Brenda APPLICANT: Bennett, C.
FEATURE:
OTHER INFORMATION: antisense oligonucleotide
10-766-185-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                              TYPE: DNA ORGANISM: artificial sequence
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Local Similarity 84.2%;
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o. US20040152652A1
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Pred. No. 9.
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Pred. No. 9.5e+02;
0; Mismatches 3
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SEQ ID NO 20
LENGTH: 20
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Best Local :
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Best Local Similarity 84.2%;
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APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Nick
APPLICANT: Murgolo, Nick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: J801603 K3-US
CURRENT APPLICATION NUMBER: US/10/736,769
CURRENT FILING DATE: 2003-12-16
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR PILING DATE: 2003-07-19
PRIOR FILING DATE: 2003-07-17
                                                                                                                                                            APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Activated Protein Kinase
FILE REFERENCE: ISPH-0762
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 10/646,301
PRIOR FILING DATE: 2003-08-22
PRIOR APPLICATION NUMBER: 10/663,208
PRIOR FILING DATE: 2003-09-16
NUMBER OF SEQ ID NOS: 51
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
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                                                                                                                        CURRENT APPLICATION NUMBER: US/10/641,455A CURRENT FILING DATE: 2003-08-15
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ORGANISM: Artificial Sequence
FEATURE:
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Nero, Pamela S.
McKay, Robert
Popoff, Ian
Popoff, Ian
Wong, Wai Shiu Fred
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o. US20040171566A1
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                                                                                                                                                                                                                                                                                                                             Brett P.
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                                                                                                                                                                                     Oligonucleotide Modulation
d Protein Kinase Expression
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Pred. No. 9.5e+02
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Sequence 175, Application US/10619739
Publication No. US20040175719A1
GENERAL INFORMATION:
APPLICANT: Christians, Frederick C.
TITLE OF INVENTION: Synthetic Tag Genes
FILE REFERENCE: 3502.1
CURRENT APPLICATION NUMBER: US/10/619,739
CURRENT FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: 60/395,530
PRIOR FILING DATE: 2002-07-12
UNUMBER OF SEQ ID NOS: 2068
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 175
LENGTH: 20
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; OTHER INFORMATION: Synthetic Oligonucleotide US-10-619-739-175
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US-10-755-889-810
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Best Local Similarity 84.2%;
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APPLICANT: Bristol-Myers Squibb Company
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-kB
TITLE OF INVENTION: PATHWAY
FILE REFERENCE: D0284 NP
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SEQ ID NO 185
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: U.S. 60/469,757
PRIOR FILING DATE: 2003-05-12
NUMBER OF SEQ ID NOS: 823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/755,889
CURRENT FILING DATE: 2004-01-13
PRIOR APPLICATION NUMBER: U.S. 60/440,068
PRIOR FILING DATE: 2003-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.2
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                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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                                   FEATURE:
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o. US20040171823A1
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Pred. No. 9.5e+02
0; Mismatches
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Pred. No. 9.5e+02;
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                                                                                                                                       ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-10-389-033-2
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US-10-744-635-23/c
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                                                                                                                                                                                        CURRENT APPLICATION UNMBER: US/10/389,033
CURRENT FILING DATE: 2003-03-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.2
SEQ ID NO 2
LENGTH: 20
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SEQ ID NO 23
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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                                                                                     Query Match 0.3%;
Best Local Similarity 84.2%;
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Best Local Similarity 84.2%;
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APPLICANT: Vervoort, Marcel B.H.J.
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CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: US 09/823,329
PRIOR FILING DATE: 2000-11-13
PRIOR APPLICATION NUMBER: PCT/EP99/01392
PRIOR FILING DATE: 1999-03-01
NUMBER OF SEQ ID NOS: 37
                                                                                                                                                                                                                                                                                                  APPLICANT: Brikson, Glen
APPLICANT: Daksis, Jasmine
TITLE OF INVENTION: PRE-INCUBATION METHOD TO IMPROVE SIGNAL/NOISE RATIO OF NUCLEIC
TITLE OF INVENTION: ACID ASSAYS
FILE REFERENCE: E1047/20138
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APPLICANT: Middeldorp, Jaap M.
TITLE OF INVENTION: OLIGONUCLECTIDES FOR THE AMPLIFICATION AND DETECTION OF EPSTEIN
TITLE OF INVENTION: BARR VIRUS (EBV) NUCLEIC ACID
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                                 349 CTGAGCGCCTGAAACAGGA 367
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 CAGAGTACCTGAAACAGGA 20
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Pred. No. 9.5e+02
                                                                                         Score 14.2;
Pred. No. 9
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Pred. No. 9.5e+02;
                                                                      Mismatches
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US-10-771-187-124

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PRIOR APPLICATE: 1997-
PRIOR FILING DATE: 1997-
NUMBER OF SEQ ID NOS: 4
SEQ ID NO 124
LENGTH: 20
LENGTH: 20
RESULT 1547
US-10-476-021-102
; Sequence 102, A
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Best Local
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APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 39780-1618P2C78C1
CURRENT APPLICATION NUMBER: US/10/771,187
CURRENT FILING DATE: 2004-02-02
PRIOR APPLICATION NUMBER: 09/999,064
PRIOR FILING DATE: 2001-07-18
PRIOR PPLICATION NUMBER: 09/65,350
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: ACCURED ACCUR
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PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/088,026
PRIOR FILING DATE: 1998-06-04
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/066,770
PRIOR APPLICATION NUMBER: 60/066,770
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APPLICANT:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                       Local Similarity 84.; es 16; Conservative
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                                                                                                                                                                                                                               2701 TTGAGTTTCTCAGGTGCTA 2719
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Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ferrara, Napoleone
Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eaton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Paoni,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hillan, Kenneth, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Goddard, A.
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   Application US/10476021
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Description of Artificial Sequence: Synthetic oligonucleotide probe
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                                                                                                                                                                                                                                                                                                                                                    0.3%;
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Pred. No. 9.5e+02;
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GENERAL INFORMATION:
APPLICANT: Doutriaux, Marie-Pascale
APPLICANT: Betzner, Andreas
APPLICANT: Preyssinet, Georges
APPLICANT: Preyssinet, Georges
APPLICANT: Perez, Pascal
TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
FILE REFERENCE: A33153-PCT-USA 075118.0115
CURRENT APPLICATION NUMBER: US/10/741,789A
CURRENT FILING DATE: 2003-12-19
PRIOR APPLICATION NUMBER: PCT/EP98/06977
PRIOR FILING DATE: 1998-10-09
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US-10-741-789A-62/c
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                                                                                                                     Sequence 44, Application US/10369378
Publication No. US20030170859A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 103
SEQ ID NO 62
SENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
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SEQ ID NO 102
LENGTH: 20
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Best Local
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APPLICANT: Andrew T. Watt
TITLE OP INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/10/476,021
CURRENT FILING DATE: 2003-10-24
PRIOR APPLICATION NUMBER: US/09/844,634
PRIOR PILING DATE: 2001-04-27
APPLICANT: DeMaggio, Anthony J
APPLICANT: Goldman, Phyllis S
APPLICANT: McElligott, David L
TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase
TITLE OF INVENTION: Methods
                                                                                                      APPLICANT: Christenson, Erik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                           1329 TCCATTGAAGACAAGGTCA 1347
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Pred. No. 9.5e+02;
0; Mismatches 3
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Pred. No. 9.5e+02;
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                       N
                       Materials
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RESULT 1551
US-09-303-510-27
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH
                                                                                                                                                                                        Sequence 27, Application U Patent No. US20020028208A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 41, Application US/09895072
Patent No. US20020025550A1
GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: CANFIELD, WILLIAM M
TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
FILE REFERENCE: 210119USOCONT
CURRENT APPLICATION NUMBER: US/09/895,072
CURRENT FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR APPLICATION NUMBER: US 09/635,872
PRIOR PILING DATE: 1999-09-14
PRIOR PILING DATE: 2000-08-10
PRIOR FILING DATE: 2000-08-10
                                                                                 APPLICANT: Collisson, Ellen W.
APPLICANT: Hash, Stephen M.
APPLICANT: Hash, Stephen M.
APPLICANT: Choi, InSoo
TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, and Feline
TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/369,378
CURRENT FILING DATE: 2003-02-19
PRIOR APPLICATION NUMBER: US/09/596,248D
PRIOR FILING DATE: 2000-06-16
PRIOR APPLICATION NUMBER: 60/139,543
PRIOR FILING DATE: 1999-06-16
CURRENT APPLICATION NUMBER: US/09/303,510A CURRENT FILING DATE: 1999-04-30 EARLIER APPLICATION NUMBER: 60/083,869
                                                                    FILE REFERENCE: 54954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                   1286 CAACATGGTGTCCAAGCTC 1304
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                                                                                                                                                                                                                                    Application US/09303510A
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Pred. No. 1e+03;
0; Mismatches 3;
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Pred. No. 1e+03;
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US-09-765-081-353
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; TYPE: DNA
; ORGANISM: feline CD86 primer
US-09-303-040-27
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US-09-765-081-353
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                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Winslow, Barbara J.

APPLICANT: Winslow, Barbara J.

APPLICANT: Cochran, Mark D.

TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, Feline CTLA TITLE OF INVENTION: Feline Interferon-gama And Uses Thereof FILE REFERENCE: 54957-B INCOMPANY CURRENT APPLICATION NUMBER: US/09/303,040

CURRENT FILING DATE: 1999-04-30

CURRENT FILING DATE: 1999-04-30

EARLIER APPLICATION NUMBER: 60/083,870

EARLIER FILING DATE: 1998-05-01
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NUMBER OF SEQ ID NOS: 83
SOFTWARE: PATENTIN VET: 2.1
SEQ ID NO 27
                                                                                      NUMBER OF SEQ ID NOS: 82
SOFTWARE: PatentIn Ver.
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 27, Application US/09303040 Patent No. US20020051792A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 353
LENGTH: 21
TYPE: DNA
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 76.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUWAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.2008-001
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                   LENGTH: 21
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; Pred. No. 1e+03;
1; Mismatches 4;
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                                                                   US-09-789-529-80
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SEQ ID NO 125
LENGTH: 21
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Best Local Similarity
                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 80
LENGTH: 21
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Patent No. US200
Best Local Similarity 84. Matches 16; Conservative
                               Query Match
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Patent No. US200
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ORGANISM: Homo sapiens
-09-888-615-125
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CURRENT APPLICATION NUMBER: US/09/888,615
CURRENT FILING DATE: 2001-06-26
PRIOR APPLICATION NUMBER: 60/214,047
PRIOR FILING DATE: 2000-06-26
NUMBER OF SEQ ID NOS: 150
                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: US 60/183,657
PRIOR FILING DATE: 2000-02-18
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                   FILE REFERENCE: 014939-001300US
CURRENT APPLICATION NUMBER: US/09/789,529
CURRENT FILING DATE: 2001-09-24
                                                                                                                                                                                                                                                                                                                APPLICANT: Rubin, Edward M.
APPLICANT: Loots, Gabriela G.
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Coordinate Cytokine Regulatory Sequences
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Frazer,
APPLICANT: Rubin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: MANNING, GERARD
APPLICANT: SUDARSANAM, SUCHA
TITLE OF INVENTION: NOVEL PROTEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: PLOWMAN, GREGORY
APPLICANT: WHYTE, DAVID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                   OTHER INFORMATION: Description of Artificial Sequence: TaqMan primer OTHER INFORMATION: hIL-4 - reverse
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nes 16; Conserv
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CAENEPEEL, SEAN
CHARYDCZAK, GLEN
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Pred. No. 1e+0
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                                                                                                                                      ; OTHER INFORMATION: Synthetic DNA US-09-986-552-41
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APPLICANT: CANFIELD, William
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LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                   Query Match
Best Local (
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Patent No. US20020150981A1
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CURRENT APPLICATION NUMBER: US/09/897,438B
CURRENT FILING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: JP 2000-202801
PRIOR FILING DATE: 2000-07-04
NUMBER OF SEQ ID NOS: 11
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                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 09/635,872
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-09-14
                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 215089US77DIV
CURRENT APPLICATION NUMBER: US/09/986,552
CURRENT FILING DATE: 2001-11-09
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                                                                                                                                                                                                         LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                              SOFTWARE:
                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: primer for PCR
                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
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                                1286 CAACATGGTGTCCAAGCTC 1304
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                                                                   Similarity 84.;
16; Conservative
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                                                                   Score 14.2; D
Pred. No. 1e+0
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Pred. No. 1e+03;
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RESULT 1558

GENERAL INFORMATION

Sequence 54, Application US/09908193 Publication No. US20020192748A1

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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 227
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 227, Application US/09888326 Publication No. US20030026801A1 GENERAL INFORMATION:
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LENGTH: 21
                                                                                                                                                                                                                                        APPLICANT: Weiner, George
APPLICANT: Weiner, Gunther
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
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PRIOR FILING DATE: 2000-07-18
NUMBER OF SEQ ID NOS: 74
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APPLICANT: SHIMKETS, RICHAI
APPLICANT: ZERHUSEN, BRYAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/221,650 PRIOR FILING DATE: 2000-07-28
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PRIOR FILING DATE: 2000-07-24
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CURRENT FILING DATE: 2001-07-18
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             OTHER INFORMATION: Synthetic oligonucleotide NAME/KEY: misc_feature LOCATION: (0) ...(0)
                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: phosphodiester backbone
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PPLICANT: PADIGARU, MURALIDHARA
ITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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CURRENT APPLICATION NUMBER: US/09/932,300
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: US 60/051,705
PRIOR FILING DATE: 1997-07-03
PRIOR APPLICATION NUMBER: US 09/109,663
PRIOR FILING DATE: 1998-07-02
NUMBER OF SEQ ID NOS: 111
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 42
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SEQ ID NO 255
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 42, Application US/09932300 Publication No. US20030032788A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity 84.2%;
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APPLICANT: Hertmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
                                                                                                                                                                                                                                                                                  APPLICANT: TU, Guang-Chou
APPLICANT: ISRAEL, Yedy
TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
FILE REFERENCE: 9855-3U2
                                                                                                                                                                                                                                                                                                                      APPLICANT: GARVER, Eric
APPLICANT: TU, Guang-Ch
APPLICANT: ISRAEL, Yedy
                                                                           LENGTH: 21
TYPE: DNA
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LOCATION: (0)...(0)
OTHER INFORMATION: phosphodiester backbone
 OTHER INFORMATION:
OTHER INFORMATION:
                                                   ORGANISM: Artificial Sequence
                                       FEATURE:
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o. US20030026801A1
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Pred. No. 1e+0
0; Mismatches
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                 Artificial Sequence: Candidate
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Query Match

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Score 14.2;

DB 1;

Length 21;

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RESULT 1563
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US-09-232-785-390/c
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SOFTWARE: Fas
SEQ ID NO 390
FONCTH: 21
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Best Local Similarity
Matches 16; Conserv
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Matches 16; Conserv
                                      APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: William I.
TITLE OF INVENTION: Secreted and Transmembrar
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C1
CURRENT APPLICATION NUMBER: US/09/946,374
CURRENT FILING DATE: 2001-09-04
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CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATITLE OF INVENTION: THEREOF
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TYPE: DNA
ORGANISM: Pinus taeda
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APPLICATION NUMBER: 60/098716
PILING DATE: 1998-09-01
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Gao, Wei-Olang
Goddard, Audrey
Godowski, Paul J
Grimaldi, Christopher J.
Gurney, Austin L.
                                                                                                                                                                      Stewart, 11...
Stewart, 11...
Page Daniel
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Desnoyers, Luc
Eaton, Dan L.
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                                                                                                                                                                                                                                                                                  Gurney, Austin L.
Hillan, Kenneth J.
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h, Victoria
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RAPPLICATION NUMBER: 60/100662

R FILING DATE: 1998-09-16

R APPLICATION NUMBER: 60/100664

R APPLICATION NUMBER: 60/100683

R FILING DATE: 1998-09-17

R FILING DATE: 1998-09-17
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APPLICATION NUMBER: 60/099812
APPLICATION NUMBER: 60/099815
APPLICATION NUMBER: 60/099815
                                                          FILING DATE: 1998-09-17
APPLICATION NUMBER: 60/100930
FILING DATE: 1998-09-17
                                                                                                          FILING DATE: 1998-09-18
APPLICATION NUMBER: 60/100849
FILING DATE: 1998-09-18
APPLICATION NUMBER: 60/100919
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APPLICATION NUMBER: 60
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FILING DATE: 1998-09-17
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APPLICATION NUMBER: 60/100627
FILING DATE: 1998-09-16
APPLICATION NUMBER: 60/100661
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FILING DATE: 1998-09-15
APPLICATION NUMBER: 60/100390
FILING DATE: 1998-09-15
APPLICATION NUMBER: 60/100584
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APPLICATION NUMBER: 60/
FILING DATE: 1998-09-09
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APPLICATION NUMBER: 60/099596
FILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099598
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APPLICATION NUMBER: 60/098843
FILING DATE: 1998-09-02
APPLICATION NUMBER: 60/099536
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APPLICATION NUMBER: 60/099808
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APPLICATION NUMBER: 60/098749
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APPLICATION NUMBER: 60/101071 FILING DATE: 1998-09-18 APPLICATION NUMBER: 60/101279

FILING DATE:

1998-09-18

APPLICATION NUMBER: FILING DATE: 1998-09

1998-09-1998-09-22

60/101471

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APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Dearna M.
Traetment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOPTWARE: FastSEQ for Windows Version 3.0
LENGTH: 21
LENGTH: 21
                                                                              RESULT 1565
US-09-776-479-129
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US-09-776-479-129
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Best Local S
Matches 16
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Matches
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Sequence 129, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
                                                                                                                                                                                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OR APPLICATION NUMBER: 60/103679
OR FILING DATE: 1998-10-08
OR APPLICATION NUMBER: 60/103711
OR FILING DATE: 1998-10-08
OR APPLICATION NUMBER: 60/104257
OR APPLICATION NUMBER: 60/104987
OR APPLICATION NUMBER: 60/105000
OR FILING DATE: 1998-10-20
OR APPLICATION NUMBER: 60/105002
OR FILING DATE: 1998-10-20
OR APPLICATION NUMBER: 60/105104
OR APPLICATION NUMBER: 60/105105
OR APPLICATION NUMBER: 60/105266
OR FILING DATE: 1998-10-22
OR APPLICATION NUMBER: 60/105693
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APPLICATION |
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16; Conserv
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                                                                                                                                                                 CATGGGTTTCTCCACCAAG
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b. US20030087848A1
                                                                                                                                                                                                                                           0.3%; Score 14.2; DB ilarity 84.2%; Pred. No. 1e+03; Conservative 0; Mismatches
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NUMBER: 60/105807
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DR APPLICATION NUMBER: 60/102570
DR FILING DATE: 1998-09-30
DR APPLICATION NUMBER: 60/102571
DR FILING DATE: 1998-09-30
DR APPLICATION NUMBER: 60/102684
DR FILING DATE: 1998-10-01

FILING DATE: 1998-0: APPLICATION NUMBER: FILING DATE: 1998-0:

1998-09-30 1998-09-30

60/102487 60/102484

APPLICATION NUMBER:

APPLICATION NUMBER: 60/102330 FILING DATE: 1998-09-29 APPLICATION NUMBER: 60/102331 FILING DATE: 1998-09-29

FILING DATE: 1998-09
APPLICATION NUMBER:

LING DATE:

1998-09-29

60/102307

APPLICATION NUMBER: 60/102240

1998-09-29

FILING DATE:

APPLICATION NUMBER: 60/101916 FILING DATE: 1998-09-24

APPLICATION NUMBER: 60/102207

1998-09-29

APPLICATION NUMBER: FILING DATE: 1998-09

1998-09-24

60/101915

APPLICATION NUMBER: 60/102687 FILING DATE: 1998-10-01 APPLICATION NUMBER: 60/102965 FILING DATE: 1998-10-02

APPLICATION NUMBER: FILING DATE: 1998-1 APPLICATION NUMBER: FILING DATE: 1998-10

1998-10-07 1998-10-06

60/103314 60/103258

60/103395

APPLICATION NUMBER: 60/103633 FILING DATE: 1998-10-08 APPLICATION NUMBER: 60/103449 FILING DATE: 1998-10-06 APPLICATION NUMBER: 60/103401 FILING DATE: 1998-10-07 APPLICATION NUMBER: 60/103396 FILING DATE: 1998-10-07 APPLICATION NUMBER: 60/ FILING DATE: 1998-10-07 APPLICATION NUMBER: 60/103328 FILING DATE: 1998-10-07 APPLICATION NUMBER: 60/103315 FILING DATE: 1998-10-07 DR FILING DATE: 1998-09-23
DR APPLICATION NUMBER: 60/101738
DR FILING DATE: 1998-09-24
DR APPLICATION NUMBER: 60/101741
DR FILING DATE: 1998-09-24
DR APPLICATION NUMBER: 60/101743
DR FILING DATE: 1998-09-24
DR FILING DATE: 1998-09-24

APPLICATION NUMBER: 60/101479 APPLICATION NUMBER: 60/101477 FILING DATE: 1998-09-23

APPLICATION NUMBER: 60/101475 FILING DATE: 1998-09-23 APPLICATION NUMBER: 60/101476 FILING DATE: 1998-09-23

FILING DATE: 1998-09-FILING DATE: 1998-09-23 APPLICATION NUMBER: 60/101474 APPLICATION NUMBER: 60/101472

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RESULT 1567
US-09-776-479-130/c
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US-09-776-479-130/c
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Best Local Similarity
Matches 16; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 130
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 129
                                                                                                                Sequence 130, Application US/09776479 Publication No. US20040067902A9 GENERAL INFORMATION:
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TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
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CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
                                                         APPLICANT: Bratzler, Robert L. APPLICANT: Petersen, Deanna M. APPLICANT: Fouron, Yves
                  APPLICANT: Fouron, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 1093
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TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy FILE REFERENCE: C1037/7013 (HCL/MAT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH: 21
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Local Similarity 84.2%;
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Pred. No. 16
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Pred. No. 1e+03;
0; Mismatches 3;
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                                                                                                       Sequence 28, Application US/09902563
Publication No. US2003009964A1
GENERAL INFORMATION:
APPLICANT: Levy, Gary
TITLE OF INVENTION: Methods of Modulating Immune Coagulation
FILE REFERENCE: 9579-37
CURRENT APPLICATION NUMBER: US/09/902,563
CURRENT FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 21
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 130
LENGTH: 21
SEQ ID NO 28
LENGTH: 21
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APPLICANT: SHARIN
APPLICANT: KRUMEN
APPLICANT: MARTIN
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                                             PRIOR APPLICATION NUMBER: US 09/442,143
PRIOR FILING DATE: 1999-11-15
NUMBER OF SEQ ID NOS: 53
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CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
                                    SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/952,213D CURRENT FILING DATE: 2002-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: MARTIN, E.
TITLE OF INVENTION: GENOMIC ORGANIZATION OF MOUSE AND HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: UTSH: 252US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Mus musculus
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KRUMENACKER, J. S.
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84.2%; Pred. No. 16
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                                                                                                                                                                                                                                                                                                                                                                                                                            1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 21;
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FEATURE: OTHER INFORMATION: Primer ORGANISM: Artificial Sequence

TYPE: DNA

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GENERAL INFORMATION:
APPLICANT: Brown, Jr., Robert H.
APPLICANT: Liu, Jing
APPLICANT: Acki, Masashi
APPLICANT: Hoffman, Eric
APPLICANT: Hoffman, Eric
APPLICANT: Chou, Fan-Li
TITLE OF INVENTION: DYSFERLIN MUTATIONS
FILE REFERENCE: 00786/401002
CURRENT APPLICATION NUMBER: US/09/382,860
CURRENT FILING DATE: 1999-08-25
EARLIER APPLICATION NUMBER: US 60/097,930
EARLIER APPLICATION NUMBER: US 60/097,930
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                                                                                                               ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-382-860-179
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US-09-382-860-158/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-382-860-179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens US-09-382-860-158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-902-563-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                   NUMBER OF SEQ ID NOS: 283
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 179
LENGTH: 21
                                     Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 158
LENCTH: 21
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 179, Application US/09382860 Publication No. US20030110526A1
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 00786/401002
CURRENT APPLICATION NUMBER: US/09/382,860
CURRENT FILING DATE: 1999-08-25
EARLIER APPLICATION NUMBER: US 60/097,930
EARLIER FILING DATE: 1998-08-25
NUMBER OF SEQ ID NOS: 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brown, Jr., Robert H.
APPLICANT: Liu, Jing
APPLICANT: Aoki, Massashi
APPLICANT: Hoffman, Eric
APPLICANT: Chou, Fan-Li
TITLE OF INVENTION: DYSFERLIN MUTATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4645 CTTAAGGAGCTGAAGAGTC 4663
 1232 GCTCTCCCCGGGCCTCCGT 1250
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                                       Conservative
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                                                       0.3%;
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                                     Pred. No. 1e+00; Mismatches
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Pred. No. 1e
                                                         Score 14.2; DB 1;
Pred. No. 1e+03;
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                                       <u>ب</u>
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                                                                         Length 21;
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                                     Gaps
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RESULT 1573
US-10-022-819-18/c
US-10-022-819-18/c
; Sequence 18, Application US/10022819
; Publication No. US20030027166A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                            OTHER INFORMATION: amplification primer for BRCA1 gene; SEQUENCE DESCRIPTION: SEQ ID NO: 41:
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US-10-032-924-41
                                                                                                                                                                                                          Query Match 0.3%; Score 14.2; DB Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 41, Application US/10032924
Publication No. US20030022190A1
GENERAL INFORMATION:
APPLICANT: Shipman, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARRE: WOO'D Perfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: VGEN.P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 10598
COMPUTER READABLE FORM:
                                                                                                                                                                         3219 GGCTCCAGCATCACTGAAA 3237
                                                                                                                                                                                                                                                                                                                                                                                   FRAGMENT TYPE: internal ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL: no
ANTI-SENSE: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR MUTATIONS IN THE BRCA1 GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                       3 GGCTCCAGTATTAATGAAA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Larson, Marina T. REGISTRATION NUMBER: 32,038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/10/032,924 FILING DATE: 26-Dec-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GCTCTCCCCAGCCCTCCCT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Yorktown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 21
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92 Commerce Street Suite 309
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Length 21; Indels

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Gaps

APPLICANT: ALLEN, Antonette C.

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                                                                                                                                                                                                                                                     Sequence 454, Application US/10006856A Publication No. US20030044841A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local :
                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                        APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan 1.
APPLICANT: Ferrara, Napoleo
                                                                                 APPLICANT:
                                                                                                           APPLICANT:
                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 044921-5049-01-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-739-3000
TELEFAX: 202-739-3001
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/022,819
FILING DATE: 22-Apr-2002
CLASSIFICATION : <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/074,452
FILING DATE: 1998-05-06
ATTOCORPLY ACENT TRECOMPATION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%;
Local Similarity 84.2%;
es 16; Conservation
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                    4654 CTGAAGAGTCTGGGTAGCT 4672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE DESCRIPTION: SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: CODING SEQUENCE HAPLOTYPE OF THE HUMAN
                                                                                                                                                                                                                                                                                                                                                                               21
               Fong, Sherman
Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                                                                                                                                                                                                                                                             CTGAAGAGAGTGGGTAGAT 3
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TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: <Unknown>
REGISTRATION NUMBER: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DESCRIPTION: /desc = "PRIMER"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 1111 Pennsylvania Avenue CITY: Washington DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEB: Morgan Lewis & Bockius LLP
Gurney,
                                                                                                                              Ferrara, Napoleone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LAWRENCE, Tammy ANGELLY, Tracy S. RABIN, Mark B.
      Austin L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sheri J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14.2;
Pred. No. 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1e+03;
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APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
APPLICATION: TREATMENT OF NON-ALLERGIC INFLAMMATO:
FILE REFERENCE: CO1039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 122
LENGTH: 21
TYPE: DNA
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                                                                                                                                                                   Sequence 123, Application US/10112653 Publication No. US20030050268A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Prior Application removed - See File Wrapper or Palm SEQ ID NO 454
                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 122, A Publication No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
             TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMM. FILE REFERENCE: C01039/70060(AMS) CURRENT APPLICATION NUMBER: US/10/112,653 CURRENT FILLING DATE: 2002-03-29.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/006,856A CURRENT FILING DATE: 2002-05-10 NUMBER OF SEQ ID NOS: 477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C14
                                                                                                                        APPLICANT: Krieg, Arthur M. APPLICANT: Berg, Daniel J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21
TYPE: DNA
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Synthetic oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
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                                                                                                                                                                                                                                                                                                                                                                        728 CATGAGGTTCTTCACCAAG 746
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 64 CCATGCCTGCTAGGCCATG 82
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Similarity 84.2%;
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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                                                                                   INFLAMMATORY DISEASES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 21;
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US-10-017-995-129
US-10-017-995-129, Sequence 129, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
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US-10-006-818A-454
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                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-454
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Best Local Similarity
Matches 16; Conserv
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NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 123
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                              Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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Best Local
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/006,818A CURRENT FILING DATE: 2001-12-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C4
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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Gao, Mei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pan, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gurney, Austin L. Hillan, Kenneth J.
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Desnoyers, Luc
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Pred. No. 1e+03;
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GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Bratzler, Robert L.
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION INFORMER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 130
LENGTH: 21
TYPE: DNA
ORGANIEM: Artificial Sequence
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US-10-023-066A-42/c
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Best Local Similarity 84.2%;
Matches 16; Conservative
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LENGTH: 21
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Best Local
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PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
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ZIP: 19898
COMPUTER READABLE FORM:
                                                                                                                       CORRESPONDENCE ADDRESS
ADDRESSEE: E. I. |
                                                                                                                                                                                          TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS
                                                                                                                                                                                                                                             APPLICANT: E. I. D
COMPANY
                                                                                                                                                         NUMBER OF SEQUENCES:
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                                                                    STREET: 1007 MARKET STREET CITY: WILMINGTON
                                                      STATE: DELAWARE
                              COUNTRY: U.S.A.
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                                                                                                         AND COMPANY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.2; DB
Pred. No. 1e+03;
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US-10-006-485A-454; Sequence 454, Applicate Publication No. US200; GENERAL INFORMATION:
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          APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830PIC9
CURRENT APPLICATION NUMBER: US/10/006,485A
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR PILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
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APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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SEQUENCE CHARACTERISTICS:
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FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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Gao, Wei-Qiang
Goddard, Audrey
Goddowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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LOCATION: 1..21
OTHER INFORMATION: /pro
oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Fong, Sherman
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NUMBER: 60/098750
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Pred. No. 1e+03;
0; Mismatches 3;
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DR APPLICATION NUMBER: 60/098803
DR FILING DATE: 1998-09-02
DR APPLICATION NUMBER: 60/098821
DR APPLICATION NUMBER: 60/098843
DR APPLICATION NUMBER: 60/098843
DR FILING DATE: 1998-09-02
DR APPLICATION NUMBER: 60/098843
DR FILING DATE: 1998-09-02
DR APPLICATION NUMBER: 60/098843
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OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099812
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099815
OR FILING DATE: 1998-09-10
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APPLICATION NUMBER: 60/099602
FILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099642
FILING DATE: 1998-09-09
                                                                                                APPLICATION NUMBER: 60/101014
FILING DATE: 1998-09-18
APPLICATION NUMBER: 60/101068
                                                                                                                                                         APPLICATION NUMBER: 60/100919
FILING DATE: 1998-09-17
APPLICATION NUMBER: 60/100930
FILING DATE: 1998-09-17
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APPLICATION NUMBER: 60/100388
FILING DATE: 1998-09-15
APPLICATION NUMBER: 60/100390
FILING DATE: 1998-09-15
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FILING DATE: 1998-09-10
APPLICATION NUMBER: 60/099792
FILING DATE: 1998-09-10
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FILING DATE: 1998-09-10
APPLICATION NUMBER: 60/099754
FILING DATE: 1998-09-10
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FILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099598
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                                                         FILING DATE: 1998-09-18 APPLICATION NUMBER: 60/
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APPLICATION NUMBER: 60/100385
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FILING DATE: 1998-09-17
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NUMBER: 60/101279
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R FILING DATE: R APPLICATION N R FILING DATE:

1998-09-1998-09-

APPLICATION NUMBER: 60/101471

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; FEATURE:
; OTHER INFORMATION:
US-10-013-907A-454
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US-10-013-907A-454
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Query Match
Best Local S
Matches 16
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CURRENT FILING DATE: 2001-12-10
Prior Application removed - See File Wrappe
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local S
Matches 16
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APPLICANT: Botste
APPLICANT: Desnoy
APPLICANT: Eaton,
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                        FILE REFERENCE: P2830P1C34
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OR APPLICATION NUMBER: 60/105266
OR FILING DATE: 1998-10-22
OR APPLICATION NUMBER: 60/105693
OR FILING DATE: 1998-10-26
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OR APPLICATION NUMBER: 60/105694
OR FILING DATE: 1998-10-27
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/105807
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/105881
OR APPLICATION NUMBER: 60/105882
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OR APPLICATION NUMBER: 60/105882
OR APPLICATION NUMBER: 60/106023
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/106023
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DR APPLICATION NUMBER: 60/105002
DR FILING DATE: 1998-10-20
DR APPLICATION NUMBER: 60/105104
DR FILING DATE: 1998-10-21
DR APPLICATION NUMBER: 60/105169
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FILING DATE: 1998-10-20
APPLICATION NUMBER: 60/105000
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 l Similarity
16; Conserv
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Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                       Pan,
                                                                                                                                                                                                                                                                                                         Paoni, Nicholas F.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ferrara, Napoleone
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o. US20030064925A1
   Conservative
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ein, David
                                                                                    Synthetic oligonucleotide
              0.3%;
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               Score 14.2; DB 1;
Pred. No. 1e+03;
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Pred. No. 1e+03;
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R APPLICATION NUMBER: 6
R FILING DATE: 1998-10R APPLICATION NUMBER: 6
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1998-10-07

60/103395 60/103328

FILING DATE: APPLICATION

NUMBER: 60/103315

1998-10-07

1998-10-07

APPLICATION NUMBER: 60/103314

FILING DATE: APPLICATION

NUMBER:

60/103258

1998-10-02

APPLICATION FILING DATE:

NUMBER: 60/102687

1998-10-01 1998-10-0

FILING DATE:

APPLICATION NUMBER: 60/102684

APPLICATION NUMBER: 60/102965

APPLICATION FILING DATE:

NUMBER:

60/102571

1998-09-30

1998-09-30

FILING DATE: APPLICATION

APPLICATION NUMBER: 60/102487 FILING DATE: 1998-09-30

NUMBER: 60/102570

APPLICATION NUMBER:

FILING DATE:

1998-09-30

60/102484

APPLICATION NUMBER: 60/102331 FILING DATE: 1998-09-29 APPLICATION NUMBER: 60/102330 APPLICATION NUMBER: 60/102307

1998-09-29 1998-09-29

FILING DATE:

FILING DATE: APPLICATION NUMBER:

1998-09-29

60/102240

APPLICATION NUMBER: 60/101916 FILING DATE: 1998-09-24 APPLICATION NUMBER: 60/102207

FILING DATE: 1998-09-29

APPLICATION NUMBER: APPLICATION NUMBER:

1998-09-24 1998-09-24 1998-09-24 1998-09-24 1998-09-23 1998-09-23

60/101915 60/101743 60/101741 APPLICATION

NUMBER:

60/101479

FILING DATE:

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NUMBER:

NUMBER: 60/101738

APPLICATION NUMBER: 60/101476 FILING DATE: 1998-09-23 APPLICATION NUMBER: 60/ FILING DATE: 1998-09-23

NUMBER: 60/101475 NUMBER: 60/101474 NUMBER: 60/101472

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NUMBER: 60/101477

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NUMBER: 60/103401

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APPLICATION NUMBER: FILING DATE: 1998-10 APPLICATION NUMBER:

1998-10-08 1998-10-06 1998-10-07

60/103633 60/103449

NUMBER: 60/103678

1998-10-08

APPLICATION FILING DATE:

NUMBER: 60/: 1998-10-08

60/103711 60/103679

NUMBER: - 60/104257

APPLICATION NUMBER: FILING DATE: 1998-10 FILING DATE:

1998-10-08

R APPLICATION N R FILING DATE: R APPLICATION N

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; TYPE: DNA; ORGANISM: Artificial Sequence; FEATURE: THEORY INFORMATION: Symthetic oligonucleotide US-10-015-499A-454
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL
                                                                APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                   APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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CURRENT FILING DATE: 2001-12-11
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APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan 1.
                   CURRENT APPLICATION NUMBER: US/10/015,393A CURRENT FILING DATE: 2002-06-10
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C42
                                                          FILE REFERENCE: P2830P1C46
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Fong, Sherman
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Fong, Sherman
                                                                                                                                 Pan, James
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Pred. No. 16
File Wrapper or Palm
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RESULT 1586 US-10-012-121A-454

Sequence 454, Applic Publication No. US20 GENERAL INFORMATION

Application US/10012121A o. US20030073810A1

APPLICANT:

Desnoyers, Lu Eaton, Dan 1.

Luc

APPLICANT:

Fong, Sherman Gao, Wei-Qiang

Ferrara, Napoleone

APPLICANT: APPLICANT: Baker,

Botstein, David

Kevin P.

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                                                                                                                                                                                    Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
                                                        Matches
                                                                    Query Match
Best Local Similarity
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Best Local &
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SEQ ID NO 454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Publication No.
                                                                                                                                                                                                                                               FILE REFERENCE: P2830P1C45
CURRENT APPLICATION NUMBER: US/10/015,869A
CURRENT FILING DATE: 2002-06-25
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ITTLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                             OTHER INFORMATION: Synthetic oligonucleotide probe
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                           64 CCATGCCTGCTAGGCCATG 82
                                                        16;
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CCATGCCTGCTCAGCCAAG 19
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Grimaldi, Christopher J.
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o. US20030073130A1
                                                        Conservative
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                                                                                   DB 1;
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RESULT 1587
US-10-006-116A-454
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                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/006,116A
CURRENT FILING DATE: 2001-12-16
PRIOR APPLICATION UNMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR APPLICATION NUMBER: 60/098803
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CURRENT FILING DATE: 2001-12-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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Best Local Similarity
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                                                                     FILING DATE: 1998-09-02
APPLICATION NUMBER: 60/098821
FILING DATE: 1998-09-02
APPLICATION NUMBER: 60/098843
                                    FILING DATE: 1998-0 APPLICATION NUMBER:
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Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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Gao, Wei-Qiang
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Grimaldi, Christopher
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Hillan, Kenneth J.
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o. US20030082626A1
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 NUMBER: 60/099596
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Pred. No. 1e+03;
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DR APPLICATION NUMBER: 60/101068
DR FILING DATE: 1998-09-18
DR APPLICATION NUMBER: 60/101071
DR FILING DATE: 1998-09-18
DR APPLICATION NUMBER: 60/101279
DR APPLICATION NUMBER: 60/101279
DR APPLICATION NUMBER: 60/101471
                                                                       APPLICATION NUMBER: 60/101472
FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101474
FILING DATE: 1998-09-23
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APPLICATION NUMBER: 60/100711
FILING DATE: 1998-09-17
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APPLICATION NUMBER: 60/100584
FILING DATE: 1998-09-16
APPLICATION NUMBER: 60/100627
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FILING DATE: 1998-09-10
APPLICATION NUMBER: 60/099792
APPLICATION NUMBER: 60/101475
FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101476
FILING DATE: 1998-09-23
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APPLICATION NUMBER: 60/100683
FILING DATE: 1998-09-17
APPLICATION NUMBER: 60/100684
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FILING DATE: 1998-09-10
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R APPLICATION NUMBER: 6
R FILING DATE: 1998-09
R APPLICATION NUMBER: 6
R FILING DATE: 1998-09

NUMBER: 60/ : 1998-09-23

60/101479

1998-09-23

APPLICATION NUMBER:

NUMBER: 60/101741

1998-09-24

60/101738

1998-09-24

60/101743

APPLICATION NUMBER: 60/102331 FILING DATE: 1998-09-29 APPLICATION NUMBER: 60/102484

APPLICATION FILING DATE:

NUMBER: NUMBER:

1998-09-30

60/102487

FILING DATE:

1998-09-30

FILING DATE: 1998-10
APPLICATION NUMBER:

LING DATE:

1998-10-0 1998-10-01

60/102687

APPLICATION NUMBER: 60/102684

1998-09-30 1998-09-30

60/102571 60/102570

APPLICATION NUMBER:

FILING DATE:

APPLICATION NUMBER: 60/102965 FILING DATE: 1998-10-02

APPLICATION NUMBER: 60/103258

1998-10-06

APPLICATION NUMBER: FILING DATE: 1998-10

1998-10-07

60/103314

APPLICATION

APPLICATION NUMBER: 60/102307 FILING DATE: 1998-09-29 APPLICATION NUMBER: 60/102330 FILING DATE: 1998-09-29

FILING DATE: 1998-09-29 APPLICATION NUMBER: 60/102240

1998-09-

APPLICATION NUMBER: 60/102207

NUMBER:

60/101916

1998-09-24

NUMBER: 60/101915

1998-09-24 1998-09-24

FILING DATE: FILING DATE: APPLICATION

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RESULT 1589
US-10-017-527A-454
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US-10-006-117A-454
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US-10-006-117A-454
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CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrappe
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
Sequence 454, Application US/10017527A Publication No. US20030082628A1 GENERAL INFORMATION:
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Best Local S
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Publication No.
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TITLE OF INVENTION: Secreted and Tra
TITLE OF INVENTION: Acids Encoding
FILE REFERENCE: P2830F1C13
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OR FILING DATE: 1998-10-22
OR APPLICATION NUMBER: 60/105693
OR APPLICATION NUMBER: 60/105694
OR APPLICATION NUMBER: 60/105897
OR APPLICATION NUMBER: 60/105807
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/105811
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/10581
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/105882
OR APPLICATION NUMBER: 60/105882
OR APPLICATION NUMBER: 60/105882
OR APPLICATION NUMBER: 60/106023
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/106023
OR FILING DATE: 1998-10-28
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Grimaldi, Christopher Gurney, Austin L.
Hillan, Kenneth J.
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5. US20030082627A1
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Pred. No. 1e+0
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APPLICATION NUMBER: 60/103679 FILING DATE: 1998-10-08 APPLICATION NUMBER: 60/103711

FILING DATE:

1998-10-08

APPLICATION NUMBER: FILING DATE: 1998-10

FILING DATE:

1998-10-08

60/104257

FILING DATE:

NUMBER:

1998-10-14

NUMBER:

60/105000 60/104987

1998-10-20 1998-10-20

APPLICATION NUMBER: FILING DATE: 1998-10
APPLICATION NUMBER:

1998-10-21 1998-10-

60/105104

NUMBER: 60/105002

APPLICATION NUMBER: 60/103633 FILING DATE: 1998-10-08 APPLICATION NUMBER: 60/103678

APPLICATION

NUMBER: 60/103449 NUMBER: 60/103401

1998-10-06 1998-10-07 APPLICATION

LING DATE:

NUMBER: 60/103395

1998-10-07 1998-10-07

NUMBER: NUMBER:

60/103328

NUMBER: 60/103315 1998-10-07

NUMBER:

60/103396

1998-10-07

FILING DATE:

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TITLE OF INVENTION: Acids Encoding the San
FILE REFERENCE: P2830P1C63
CURRENT APPLICATION NUMBER: US/10/017,527A
CURRENT FILING DATE: 2001-12-13
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DR APPLICATION NUMBER: 60/098716
DR FILING DATE: 1998-09-01
DR APPLICATION NUMBER: 60/098723
DR FILING DATE: 1998-09-01
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APPLICATION NUMBER: 60/099792
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APPLICATION NUMBER: 60/099808
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APPLICATION NUMBER: '60/099602
FILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099642
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FILING DATE: 1998-09-10
APPLICATION NUMBER: 60/099754
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APPLICATION NUMBER: 60/099598
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APPLICATION NUMBER: 60/098843
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APPLICATION NUMBER: 60/099763
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Botstein, David
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CATION NUMBER: 60/099536
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Grimaldi, Christopher
Gurney, Austin L.
Hillan, Kenneth J.
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       : 1998-09-16
NUMBER: 60/100662
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OR APPLICATION NUMBER: 60/102570
OR FILING DATE: 1998-09-30
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OR APPLICATION NUMBER: 60/102571
OR FILING DATE: 1998-09-30
OR APPLICATION NUMBER: 60/102684
OR FILING DATE: 1998-10-01
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OR FILING DATE: 1998-09-29
OR APPLICATION NUMBER: 60/102240
OR FILING DATE: 1998-09-29
OR APPLICATION NUMBER: 60/102307
OR FILING DATE: 1998-09-29
OR APPLICATION NUMBER: 60/102330
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DR FILING DATE: 1998-09-24
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DR APPLICATION NUMBER: 60/101915
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DR FILLING DATE: 1996-09-18
DR APPLICATION NUMBER: 60/101068
DR FILLING DATE: 1996-09-18
DR APPLICATION NUMBER: 60/101071
DR FILLING DATE: 1996-09-18
DR APPLICATION NUMBER: 60/101279
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DR APPLICATION NUMBER: 60/101471
DR APPLICATION NUMBER: 60/101471
DR FILLING DATE: 1996-09-23
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DR APPLICATION NUMBER: 60/100848

DR FILING DATE: 1998-09-18

DR APPLICATION NUMBER: 60/100849

DR FILING DATE: 1998-09-18

DR APPLICATION NUMBER: 60/100919

DR FILING DATE: 1998-09-17

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DR APPLICATION NUMBER: 60/100930

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FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101738
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FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101474
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FILING DATE: 1998-09-16
APPLICATION NUMBER: 60/100683
FILING DATE: 1998-09-17
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APPLICATION NUMBER: 60/101741
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APPLICATION NUMBER: 60/101477
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FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101476
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APPLICATION NUMBER: 60/100711
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           Sequence 33, Application US/10090011

Publication No. US20030082810A1

GENERAL INFORMATION:

APPLICANT: Heimberg, Harry
APPLICANT: Gradwohl Gerard

TITLE OF INVENTION: Methods For Generating Insulin-Secreting

TITLE OF INVENTION: Cells Suitable for Transplantation

FILE REFERENCE: 6246, 200-US
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Best Local S
Matches 16
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APPLICATION NUMBER: 60/106023
FILING DATE: 1998-10-28
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FILING DATE: 1998-10-20
APPLICATION NUMBER: 60/105104
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APPLICATION NUMBER: 60/103449
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APPLICATION NUMBER: 60/105882
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FILING DATE: 1998-10-26
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FILING DATE: 1998-10-22
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APPLICATION NUMBER: 60/105000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/103396
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16; Conserv
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                                                                                                                                                                                                                                                                                                Conservative
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NUMBER: US/10/090,011
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Pred. No. 16
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CURRENT FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: US 60/271,474
; PRIOR FILING DATE: 2001-02-26
}, NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-090-011-33
                                                                                                                      RESULT 1592
US-10-014-318-8/c
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US-10-013-913A-454
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                                                                        Sequence 8, Application US/10014318
Publication No. US20030091986A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 454

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 454, Application US/10013913A Publication No. US20030083462A1
                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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Best Local :
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APPLICANT: Pallavicini, Maria G.
APPLICANT: Mullaney, Brian P.
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Identification of Expressed Genes U
FILE REFERENCE: 023070-120900US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                    Prior Application removed NUMBER OF SEQ ID NOS: 477
                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/013,913A CURRENT FILING DATE: 2002-07-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C40
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Similarity 84.2%;
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Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pan, James
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Fong, Sherman
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ein, David
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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RESULT 1593
US-10-007-194A-454
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                                                                                  PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR PPLICATION NUMBER: 60/09873
PRIOR PPLICATION NUMBER: 60/09803
PRIOR PILING DATE: 1998-09-02
PRIOR PPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/098843
PRIOR APPLICATION NUMBER: 60/099536
PRIOR APPLICATION NUMBER: 60/099536
PRIOR APPLICATION NUMBER: 60/099596
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PRIOR APPLICATION NUMBER: 60/099602
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CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 21
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Best Local (
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CURRENT APPLICATION NUMBER: US/10/007,194A
CURRENT FILING DATE: 2002-06-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR primer
OTHER INFORMATION: Sfiseq3 flanking cloning site
                                     APPLICATION NUMBER: 60/099741 FILING DATE: 1998-09-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J
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Hillan, Kenneth J.
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Botstein, David
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Eaton, Dan 1.
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5. US20030092061A1
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OR APPLICATION NUMBER: 60/101068
OR PAPPLICATION NUMBER: 60/101071
OR PILING DATE: 1998-09-18
OR PPLICATION NUMBER: 60/101071
OR PILING DATE: 1998-09-22
OR APPLICATION NUMBER: 60/101471
OR PILING DATE: 1998-09-23
OR APPLICATION NUMBER: 60/101472
OR FILING DATE: 1998-09-23
OR APPLICATION NUMBER: 60/101474
OR PILING DATE: 1998-09-23
OR APPLICATION NUMBER: 60/101475
OR FILING DATE: 1998-09-23
OR APPLICATION NUMBER: 60/101476
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OR APPLICATION NUMBER: 60/101476
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OR APPLICATION NUMBER: 60/100388
OR APPLICATION NUMBER: 60/100390
OR FILING DATE: 1998-09-15
OR APPLICATION NUMBER: 60/100594
OR FILING DATE: 1998-09-16
OR APPLICATION NUMBER: 60/100644
OR FILING DATE: 1998-09-16
OR APPLICATION NUMBER: 60/100661
OR APPLICATION NUMBER: 60/100662
OR APPLICATION NUMBER: 60/100662
OR APPLICATION NUMBER: 60/100664
OR FILING DATE: 1998-09-16
OR APPLICATION NUMBER: 60/100664
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OR APPLICATION NUMBER: 60/100694
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/100694
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OR APPLICATION NUMBER: 60/100711
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OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/100849
OR FILING DATE: 1998-09-19
OR FILING DATE: 1998-09-23
OR APPLICATION NUMBER: 60/101479
OR APPLICATION NUMBER: 60/101738
OR APPLICATION NUMBER: 60/101738
OR FILING DATE: 1998-09-24
OR APPLICATION NUMBER: 60/101741
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OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099815
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099816
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/100385
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R APPLICATION NUMBER: 60/099763

OR FILING DATE: 1998-09-10

OR PILICATION NUMBER: 60/099792

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OR APPLICATION NUMBER: 60/099808

OR FILING DATE: 1998-09-10
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FILING DATE: 1998-10-26
APPLICATION NUMBER: 60/105694
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TITLE OF INVENTION: Nicholas F.

TITLE OF INVENTION: Secreted and Transmembra
ITILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C31
CURRENT APPLICATION NUMBER: US/10/013,430A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper (
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH. 1
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Publication No. US20030092114A1

GENERAL INFORMATION:

APPLICANT: Luche, Ralf M.

APPLICANT: Luche, Ralf M.

APPLICANT: Wei, Bo

TITLE OF INVENTION: DSP-18 DUAL-SPECIFICITY PHOSPHA

FILE REFERENCE: 200125.436

CURRENT APPLICATION NUMBER: US/10/151,320

CURRENT FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 42

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 26

LENGTH: 21

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer used for US-10-151-320-26
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US-10-013-430A-454
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US-10-151-320-26
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Best Local S
Matches 16
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Best Local (
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PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
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Similarity 84.2%;
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Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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; TYPE: DNA
, ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-430A-454
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US-10-011-671A-454
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Publication No. US2
GENERAL INFORMATION
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR APPLICATION NUMBER: 60/098749
PRIOR APPLICATION NUMBER: 60/098749
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FILING DATE: 1998-09-02
APPLICATION NUMBER: 60/098843
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APPLICATION NUMBER:
FILING DATE: 1998-09
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FILING DATE: 1998-09-01
APPLICATION NUMBER: 60/098803
FILING DATE: 1998-09-02
 FILING DATE: 1998-09-10
APPLICATION NUMBER: 60/099808
FILING DATE: 1998-09-10
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APPLICATION NUMBER: 60/099754
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APPLICATION NUMBER: 60/099602
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Gao, Wei-Qiang
Goddard, Audrey
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Grimaldi, Christopher
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Eaton, Dan 1.
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Botstein, David
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o. US20030096954A1
                                                                                                                                                                                                                                                                         NUMBER: 60/099598
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Pred. No. 1e+03;
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DR APPLICATION NUMBER: 60/101743
DR FILLING DATE: 1998-09-24
DR APPLICATION NUMBER: 60/101915
DR FILLING DATE: 1998-09-24
DR APPLICATION NUMBER: 60/101916
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DR FILING DATE: 1998-09-29
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APPLICATION NUMBER: 60/100684
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APPLICATION NUMBER: 60/100710
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FILING DATE: 1998-09-15
APPLICATION NUMBER: 60/100584
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FILING DATE: 1998-09-22
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APPLICATION NUMBER: 60/101014
FILING DATE: 1998-09-18
APPLICATION NUMBER: 60/101068
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FILING DATE: 1998-09-17
APPLICATION NUMBER: 60/100848
FILING DATE: 1998-09-18
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APPLICATION NUMBER: 60/100683
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FILING DATE: 1998-09-16
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FILING DATE: 1998-09-16
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FILING DATE: 1998-09-10
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FILING DATE: 1998-09-10
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APPLICATION NUMBER: 60/100930
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FILING DATE: 1998-0 APPLICATION NUMBER:

APPLICATION NUMBER: 60/102307

1998-09-29

60/102330

DATE: 1998-09-29

APPLICATION NUMBER: 60/102331

1998-09-29

Best Local Similarity

84.2%;

Pred. No. 1e+03;

Query Match

0.3%;

Score 14.2;

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Length

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OTHER INFORMATION: Synthetic oligonucleotide
US-10-012-755A-454
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US-10-012-755A-454
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
                                                                                                                                                                                                                               Sequence 454, Appropriate Publication No.
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APPLICANT:
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CURRENT FILING DATE: 2002-06-10
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                                        APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
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E OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic OF INVENTION: Acids Encoding the Same REFERENCE: P2830P1C55
                                                                                                                                                                                                                       INFORMATION:
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Cao, Wei-Qiang
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Cao, Wei-Qiang
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Hillan, Kenneth J.
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Godowski, Paul J.
Grimaldi, Christopher
                                                              Gurney, Austin L.
Hillan, Kenneth J.
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Godowski, Paul J.
Grimaldi, Christopher
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o. US20030099625A1
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D. US20030096955A1
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ein, David
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                                      Nicholas F.
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Pred. No. 1e+C
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APPLICANT: METCK Patent GmbH
TITLE OF INVENTION: Serine-threonine kinase-3 ()
FILE REFERENCE: htssk3BSWS
CURRENT APPLICATION NUMBER: US/10/275,556
CURRENT FILING DATE: 2002-11-07
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 21
TYPER NO.
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Publication No. US20030108933A1
GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.1
SEQ ID NO 28
LENGTH: 21
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APPLICANT: Levy, Gary
APPLICANT: Clark, David A.
TITLE OF INVENTION: Methods of Modulating Immune Coagulation
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CURRENT APPLICATION NUMBER: US/10/096,255
CURRENT FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: US 60/046,537
PRIOR FILING DATE: 1997-05-17
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CURRENT FILING DATE: 2001-12-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/061,684 PRIOR FILING DATE: 1997-10-10
                          TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Primer
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Synthetic oligonucleotide probe
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                    FEATURE:
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Pred. No. 1e
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Best Local &
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                                                                                   APPLICANT:
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RESULT 1602
US-10-006-768A-454
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Prior application removed - See file Wrapper or Palm NUMBER OF SEQ ID NOS: 477 SEQ ID NO 454 LENGTH: 21
                                                                                                                                                                                                                                            Sequence 454, Application US/10006768A Publication No. US20030113793A1
                                                                                                                                                                                                                            GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 454, Application US/10011692A Publication No. US20030109672A1
                                                                                                                                                                                    APPLICANT: Baker,
APPLICANT: Botst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: PS830PLC30 CURRENT APPLICATION NUMBER: US/10/011,692A CURRENT FILING DATE: 2001-12-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Baker,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic oligonucleotide probe
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity
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                                                                                                                                                                                                                                                                                                                                                            CCATGCCTGCTCAGCCAAG
                                                                                   Fong, Snermann
Gao, Wei-Qiang
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Gurney, Austin L.
Hillan, Kenneth J.
                                  Godowski, Paul J.
Grimaldi, Christopher J.
                                                                         Goddard, Audrey
                                                                                                                               Ferrara, Napoleone
                                                                                                                                                 Eaton, Dan 1
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Hillan, Kenneth J.
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Grimaldi, Christopher
                                                                                                                                                                    Desnoyers, Luc
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84.2%; Pred. No. 1e+03;
ative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 1e+03;
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RESULT 1603
US-10-017-610A-454
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                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/017,610A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR APPLICATION NUMBER: 60/098750
PRIOR APPLICATION NUMBER: 60/098750
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Best Local S
Matches 16
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SEQ ID NO 454
LENGTH: 21
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE: P2830P1C64
                                                                            PILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099598
FILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099602
                                                                                                                                                                                                                                                                                          FILING DATE: 1998-09-01
APPLICATION NUMBER: 60/098803
FILING DATE: 1998-09-02
APPLICATION NUMBER: 60/098821
                                                                                                                                                                                                                               APPLICATION NUMBER: 60/098843
FILING DATE: 1998-09-02
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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5. US20030113795A1
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                                           NUMBER: 60/099642
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                                                                 1998-09-09
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Pred. No. 1e+03;
D; Mismatches
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                                                  DR FILING DATE: 1998-09-23

DR APPLICATION NUMBER: 60/101477

DR FILING DATE: 1998-09-23

DR APPLICATION NUMBER: 60/101479

DR FILING DATE: 1998-09-23

DR APPLICATION NUMBER: 60/101738
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OR APPLICATION NUMBER: 60/100684
OR APPLICATION NUMBER: 60/100710
OR APPLICATION NUMBER: 60/100710
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/100711
OR APPLICATION NUMBER: 60/100711
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/100848
OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/100849
OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/100919
OR APPLICATION NUMBER: 60/100919
OR APPLICATION NUMBER: 60/100930
OR APPLICATION NUMBER: 60/100930
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/100930
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/100930
OR FILING DATE: 1998-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DR FILING DATE: 1998-09-16
RAPPLICATION NUMBER: 60/100627
DR FILING DATE: 1998-09-16
DR APPLICATION NUMBER: 60/100661
DR FILING DATE: 1998-09-16
DR APPLICATION NUMBER: 60/100662
APPLICATION N
FILING DATE:
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APPLICATION NUMBER: 60/101279
FILING DATE: 1998-09-22
APPLICATION NUMBER: 60/101471
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FILING DATE: 1998-09-18
APPLICATION NUMBER: 60/101068
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FILING DATE:
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APPLICATION NUMBER: 60/101474
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APPLICATION NUMBER: 60/101472
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FILING DATE: 1998-09-15
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APPLICATION NUMBER: 60/099792
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FILING DATE: 1998-09-16
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                                                                                                                                                                                  NUMBER: 60/101476
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                     1998-09-24
NUMBER: 60/
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PRIOR PRIOR

APPLICATION NUMBER: 60/102240 FILING DATE: 1998-09-29

FILING DATE: 1998-09-29

APPLICATION NUMBER: 60/102307

APPLICATION NUMBER: 60/102330

APPLICATION NUMBER: 60/102331

APPLICATION NUMBER: 60/102484 FILING DATE: 1998-09-30 APPLICATION NUMBER: 60/102487 FILING DATE: 1998-09-30 APPLICATION NUMBER: 60/102570

FILING DATE:

1998-09-29

APPLICATION NUMBER: 60/102687 FILING DATE: 1998-10-01 APPLICATION NUMBER: 60/102965

APPLICATION NUMBER: 60/102571 FILING DATE: 1998-09-30 APPLICATION NUMBER: 60/102684 FILING DATE: 1998-10-01

FILING DATE: 1998-09-30

OR APPLICATION NUMBER: 60/101743
OR FILING DATE: 1998-09-24
OR PAPLICATION NUMBER: 60/101915
OR FILING DATE: 1998-09-24
OR APPLICATION NUMBER: 60/101916
OR APPLICATION NUMBER: 60/102207
OR APPLICATION NUMBER: 60/102207

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Prior Application removed - See
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-10-006-063A-454
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US-10-020-063A-454
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PRIOR APPLICATION NUMBER: 60/10581
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR PRIOR PRICON NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Baker, FAPPLICANT: Botsted APPLICANT: Desnoye APPLICANT: Eaton, APPLICANT: Ferrar; APPLICANT: Good, W. APPLICANT: Goodows: APPLICANT: Goodows: APPLICANT: Goodows: APPLICANT: Grimal; Grimal;
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Best Local S
Matches 16
                                                                                       GENERAL INFORMATION:
APPLICANT: Baker, K
APPLICANT: Botstei
                                                                                                                                     Sequence 454, Application US/10020063A Publication No. US20030119097A1
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
                                                            APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                            64 CCATGCCTGCTAGGCCATG 82
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Gao, Wei-Qiang
Goddard, Audrey
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Grimaldi, Christopher
Gurney, Austin L.
Hillan, Kenneth J.
            Fong, Sherman
Gao, Wei-Qiang
                                                            Desnoyers, Luc
Eaton, Dan 1.
                                                                                          Botstein, David
                                              Ferrara, Napoleone
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DR FILING DATE: 1998-10-02

DR APPLICATION NUMBER: 60/103258

DR FILING DATE: 1998-10-06

DR FILING DATE: 1998-10-07

DR APPLICATION NUMBER: 60/103314

DR FILING DATE: 1998-10-07

DR APPLICATION NUMBER: 60/103315

DR FILING DATE: 1998-10-07

DR APPLICATION NUMBER: 60/103328

DR FILING DATE: 1998-10-07

DR APPLICATION NUMBER: 60/103395

DR FILING DATE: 1998-10-07

DR APPLICATION NUMBER: 60/103396

DR FILING DATE: 1998-10-07

DR APPLICATION NUMBER: 60/103401

FILING DATE: 1998-10-20
APPLICATION NUMBER: 60/105002
FILING DATE: 1998-10-20
APPLICATION NUMBER: 60/105104
FILING DATE: 1998-10-21

FILING DATE: APPLICATION 1

NUMBER: 60/105000

1998-10-20

FILING DATE: 1998-10-14 APPLICATION NUMBER: 60/104987

APPLICATION NUMBER:

60/104257

APPLICATION NUMBER: 60/103679
FILING DATE: 1998-10-08
APPLICATION NUMBER: 60/103711
FILING DATE: 1998-10-08

APPLICATION NUMBER: 60/103633 FILING DATE: 1998-10-08 APPLICATION NUMBER: 60/103678 FILING DATE: 1998-10-08

APPLICATION NUMBER: FILING DATE: 1998-10 APPLICATION NUMBER:

1998-10-22

60/105169

NUMBER: 60/105266

1998-10-22

60/105693

NUMBER: 60/ : 1998-10-26 NUMBER:

60/105694

1998-10-26

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US-10-020-063A-454
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SEQ ID NO 454
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Best Local |
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                  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C59
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
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PRIOR APPLICATION NUMBER: 60/098749
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Local Similarity 84.2%;
es 16; Conservation
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APPLICATION NUMBER: 60/099598
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                                                                                                            Rong, Sherman
Gao, Wei-Qiang
Goddard, Audrey
Goddowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Paoni, Nicholas F.
                                                                                               Pan, James
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                                                                             Paoni, Nicholas F.
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Eaton, Dan 1.
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o. US20030120053A1
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NUMBER: US/10/015,391A
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Pred. No. 16
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RESULT 1608
US-10-011-833A-454
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-454
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US-10-017-407A-454
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                                 GENERAL INFORMATION
                                            Sequence 454, Application US/10011833A Publication No. US20030129650A1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 454
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Best Local
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APPLICANT: Baker, Kevin P. APPLICANT: Botstein, Davi
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                                                                                                                                                                                                                                                                                                LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                                                                                                                                   64 CCATGCCTGCTAGGCCATG 82
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Similarity 84.2%;
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Hillan, Kenneth J.
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Godowski, Paul J.
Grimaldi, Christopher
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Fong, Sherman
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Desnoyers, Luc
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o. US20030125535A1
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NOS: 477
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Pred. No. 1e+03;
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PPLICANT: PPLICANT:

Ferrara, Napoleone Desnoyers, Luc Eaton, Dan 1.

Botstein, David

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1 CCATGCCTGCTCAGCCAAG

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                                                                                                                       ; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-006-041A-454
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                                                                                                                                                                                                      APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P283091C8
CURRENT APPLICATION NUMBER: US/10/006,041A
CURRENT FILING DATE: 2001-12-06
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
                                                                     Query Match
Best Local Similarity
                                                     Matches
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Best Local Similarity
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                           FEATURE:
                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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64 CCATGCCTGCTAGGCCATG 82
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Desnoyers, Luc
Eaton, Dan 1.
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Hillan, Kenneth J.
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Grimaldi, Christopher
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llarity 84.2%;
Conservative (
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                                                                     Score 14.2; DB 1; Length 21; Pred. No. 1e+03;
                                                       Mismatches
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SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830p1C54

CURRENT APPLICATION NUMBER: US/10/015,387A

CURRENT FILING DATE: 2001-12-12

Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 477

SEQ ID NO 454
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GENERAL INFORMATION:
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Publication No. US20030135034A1
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1238
CURRENT APPLICATION NUMBER: US/10/015,822A
CURRENT FILING DATE: 2002-06-10
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Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Gao, Wei-Qiang
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Hillan, Kenneth J.
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                                                                                                                                                                                                                                   RESULT 1613
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US-10-006-130A-454
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CURRENT APPLICATION NUMBER: US/10/006,130A
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
                                                                                                        Sequence 41, Application US/10306686
Publication No. US20030148460A1
GENERAL INFORMATION:
APPLICANT: CANFIELD, WILLIAM
TITLE OF INVENTION: PHOSHODIESTER ALPHA-GLCNAcase
FILE REFERENCE: 230397US77DIV
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Best Local Similarity 84.2%;
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Best Local
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CURRENT APPLICATION NUMBER: US/10/306,686
CURRENT FILING DATE: 2002-11-29
PRIOR APPLICATION NUMBER: 09/636,596
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-08-14
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Desnoyers, Luc
Eaton, Dan 1.
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Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Pred. No. 1e+03;
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; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-10-306-686-41
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                           Sequence 89, Applica Publication No. US20 GENERAL INFORMATION:
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SEQ ID NO 41
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 89
LENGTH: 21
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                                                                                                              APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REPERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
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                                                           PRIOR APPLICATION NUMBER: US 60/301,370 PRIOR FILING DATE: 2001-06-27 NUMBER OF SEQ ID NOS: 1291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
                                                                                                                                                                                                                                    APPLICANT: Garner, Harold R. APPLICANT: Minna, John D.
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APPLICANT: Minna,
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TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: synthetic DNA FEATURE:
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16; Conservative
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Pred. No. 1
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Pred. No. 1e+03;
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; ORGANISM: Homo sapiens
US-10-184-085A-126
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                             Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local Similarity
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SOFTWARE: FREUENCE for Windows Version 4.0
SEQ ID NO 90
LENGTH: 21
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LENGTH: 21
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APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 11929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
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APPLICANT: Luebke, Kevin, J.

APPLICANT: Luebke, Kevin, J.

APPLICANT: Balog, Robert P.

TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR FILING DATE: 2001-06-27
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/301,370 PRIOR FILING DATE: 2001-06-27
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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4577 GTGTGTGTTCGGAGGGGTG 4595
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Pred. No. 1e+03;
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C11
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 60/098716
PRIOR APPLICATION NUMBER: 60/098716
PRIOR APPLICATION NUMBER: 60/098723
PRIOR APPLICATION NUMBER: 60/09873
PRIOR APPLICATION NUMBER: 60/098749
PRIOR APPLICATION NUMBER: 60/098749
PRIOR APPLICATION NUMBER: 60/098749
PRIOR PILING DATE: 1998-09-01
PRIOR PILING DATE: 1998-09-01
PRIOR PILING DATE: 1998-09-01
PRIOR PILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098803
PRIOR PILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/09881
PRIOR APPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/098821
PRIOR PILING DATE: 1998-09-02
PRIOR PILING DATE: 1998-09-02
PRIOR PILING DATE: 1998-09-02
PRIOR PILING DATE: 1998-09-02
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APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.

APPLICANT: Balog, Robert P.

ITITLE OF INVENTION: Identification of Chemically Modified Polymers

FILE REFERENCE: 119929-1035

CURRENT APPLICATION NUMBER: US/10/184,085A

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR APPLICATION NUMBER: US 60/301,370

PRIOR TILING DATE: 2001-06-27

NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 127

LENGTH: 21
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Grimaldi, Christopher J.
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Hillan, Kenneth J.
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5. US20030153000A1
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FILING DATE: 1998-09-02
APPLICATION NUMBER: 60/099536
FILING DATE: 1998-09-09
APPLICATION NUMBER: 60/099596

PRIOR

OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099598
OR PILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099602
OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099642
OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099741
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099763
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099763
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099792
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099812
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099815
OR APPLICATION NUMBER: 60/099816
OR APPLICATION NUMBER: 60/099816
OR APPLICATION NUMBER: 60/099816
OR APPLICATION NUMBER: 60/099816
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/099816
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/100385
OR FILING DATE: 1998-09-10
OR APPLICATION NUMBER: 60/100386
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PRIOR

OR FILING DATE: 1998-09-15
OR APPLICATION NUMBER: 60/100584
OR FILING DATE: 1998-09-16
OR APPLICATION NUMBER: 60/100627
OR FILING DATE: 1998-09-16
OR APPLICATION NUMBER: 60/100661
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RESULT 1620
US-10-017-253A-454
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/017,253A CURRENT FILING DATE: 2001-12-13 PRIOR APPLICATION NUMBER: 60/098716 PRIOR FILING DATE: 1998-09-01
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FILING DATE: 1998-09-02
APPLICATION NUMBER: 60/098821
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FILING DATE: 1998-09-01
APPLICATION NUMBER: 60/098750
FILING DATE: 1998-09-01
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APPLICATION NUMBER: 60/106023
FILING DATE: 1998-10-28
                                                       FILING DATE: 1998-09-09
                                                                       APPLICATION NUMBER: 60/099536
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FILING DATE: 1998-10-26
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                 FILING DATE: 1998-09-09
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                                   APPLICATION NUMBER: 60/099596
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16; Conserv
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Gao, Wei-Qiang
Gooddard, Audrey
Goddwski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
CATION NUMBER: 60/099598
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Fong, Sherman
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Eaton, Dan 1.
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o. US20030166055A1
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Pred. No. le
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-392A-454
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US-10-015-392A-454
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                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/015,392A
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
                                                                                                        Remaining Prior Application NUMBER OF SEQ ID NOS: 477 SEQ ID NO 454
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Best Local Similarity
Matches 16; Conserv
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1998-09-09
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                                       TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                            ENGTH:
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                                                                                                                                                                                                                                                                                   FILING DATE: 1998-09-02
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Hillan, Kenneth J.
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Grimaldi, Christopher
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D. US20030166901A1
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ein, David
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                                                                                                                                                 data removed - See File Wrapper or PALM
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APPLICANT: Bohlmann, Joerg
APPLICANT: Steele, Christopher L.
APPLICANT: Monoterpene Synthases from Grand Fir (Abies Grandis)
FILE REFERENCE: WSUR118414
CURRENT APPLICATION NUMBER: US/10/025,145A
CURRENT FILING DATE: 2002-06-28
PRIOR APPLICATION NUMBER: US 09/360,545
PRIOR APPLICATION NUMBER: US 09/360,545
PRIOR APPLICATION NUMBER: US 09/360,545
PRIOR FILING DATE: 1998-07-10
PRIOR APPLICATION NUMBER: US 60/052,249
PRIOR FILING DATE: 1997-07-11
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn version 3.1
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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Best Local
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Gao, Wei-Qiang
Goddard, Audrey
Goddowski, Paul J.
Grimaldi, Christopher J.
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Hillan, Kenneth J.
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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; OTHER INFORMATION: Oligonucleotide Corresponding to Conserved Amino Acid Sequence; OTHER INFORMATION: t Forth in SEQ ID NO:51 US-10-025-145A-62
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Best Local Similarity
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PRIOR TILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
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ORGANISM: Artificial Sequence
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               OR APPLICATION NUMBER: 60/099536
OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099596
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OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099602
OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099642
OR FILING DATE: 1998-09-09
OR APPLICATION NUMBER: 60/099741
OR APPLICATION NUMBER: 60/099741
OR APPLICATION NUMBER: 60/099754
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APPLICATION NUMBER: 60/099763
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Grimaldi, Christopher J.
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Pred. No. 1e+03;
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OR FILING DATE: 1998-09-10
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OR FILING DATE: 1998-09-16
OR APPLICATION NUMBER: 60/100667
OR APPLICATION NUMBER: 60/100711
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PRIOR FILING DATE: 1998-10-28

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; OTHER INFORMATION: Synthetic oligonucleotide
US-10-012-064A-454
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Prior Application data removed - See File Wrapper or
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: NUM
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                                                                                   Query Match
Best Local Similarity
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PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
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CURRENT APPLICATION UNDEER: US/10/012,064A
CURRENT FILING DATE: 2002-07-15
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
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                       64 CCATGCCTGCTAGGCCATG 82
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Gao, Wei-Qiang
Goddard, Audrey
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Desnoyers, Luc
Eaton, Dan 1.
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Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Pred. No. 16
                                                                                   Score 14.2;
Pred. No. 16
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US-10-032-585-5292/c
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ORGANISM: Artificial Sequence; FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-3651
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APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVERTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REPERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOUTWARE: PatentIn version 3.1
SEQ ID NO 5292
LENGTH: 21
TYPE: DNA
CONTROL OF ARMAINS ABBRICANS
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                                                                               CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3651
LENGTH: 21
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APPLICANT:
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APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
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                                                                    TYPE: DNA
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Schaefer, James J.
Skrzypczynski, Zbigniew
Traetska Y.
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Hall, Jeff G.
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Curtis, Michelle L.
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Argue, Brad T.
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Olson-Munoz, Marilyn C.
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Pred. No. 1
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Publication No. US20030186318A1
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Best Local Similarity
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LENGTH: 21
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CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or
NUMBER OF SEQ ID NOS: 477
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C35
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INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
                                         Fong, Sherman
Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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Eaton, Dan 1.
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Hillan, Kenneth J.
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Eaton, Dan 1.
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Botstein, David
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                Nicholas F.
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Pred. No. 16
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                       Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR FILING DATE: 1998-09-01
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CURRENT APPLICATION NUMBER: US/10/015,671A
CURRENT FILING DATE: 2001-12-11
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PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
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PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
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PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
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                                                                                                                              PRIOR FILING DATE: 1998-09-09
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PRIOR APPLICATION NUMBER: 60/098821
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LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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Grimaldi, Christopher
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Eaton, Dan 1.
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Hillan, Kenneth J.
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Pred. No. 1
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                                                                                                                                                                                                                                                     RESULT 1632
US-10-012-752A-454
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-454
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; OTHER INFORMATION:
US-10-015-610A-454
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                           APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan 1.
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                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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Fong, Sneam.
Gao, Wei-Qiang
Goddard, Audrey
T: Goddwski, Paul J.
T: Grimaldi, Christopher J.
MT: Gurney, Austin L.
Hillan, Kenneth J.
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Hillan, Kenneth J.
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Grimaldi, Christopher J.
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Gao, Wei-Qiang
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Paoni, Nicl
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                                                                                                              Ferrara, Napoleone
Fong, Sherman
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Desnoyers, Luc
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Pred. No. 1e+03;
0; Mismatches 3;
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Pred. No. 1e+03;
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-454
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Best Local S
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Matches
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SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
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Publication N
                                                                                              Query Match
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APPLICANT:
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                                                                                                                                              OTHER INFORMATION: Synthetic oligonucleotide probe
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                              64 CCATGCCTGCTAGGCCATG 82
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16; Conserv
                                                                             Similarity
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J
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 CCATGCCTGCTCAGCCAAG
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Hillan, Kenneth J.
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                                                             Score 14.2; DB 1; Length 21; Pred. No. 1e+03; 0; Mismatches 3; Indels
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19
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US-10-013-910A-454 ; Sequence 454, Application US/10013910A ; Publication No. US20030187192A1

RESULT 1634

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US-10-013-910A-454
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APPLICANT: Baker,
APPLICANT: Botst
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CURRENT FILING DATE: 2002-06-25
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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Best Local
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                                                                    CURRENT APPLICATION NUMBER: US/10/013,911A CURRENT FILING DATE: 2001-12-10 PRIOR APPLICATION NUMBER: 60/098716 PRIOR FILING DATE: 1998-09-01 PRIOR APPLICATION NUMBER: 60/098723 PRIOR APPLICATION NUMBER: 60/098723 PRIOR APPLICATION NUMBER: 60/098749 PRIOR APPLICATION NUMBER: 60/098749 PRIOR APPLICATION NUMBER: 60/098749 PRIOR APPLICATION NUMBER: 60/098749 PRIOR FILING DATE: 1998-09-01
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C39
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APPLICATION NUMBER: 60/098750
FILING DATE: 1998-09-01
APPLICATION NUMBER: 60/098803
FILING DATE: 1998-09-02
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                                                                                                                                                                                                                                                                                                            Fong, Sherman
Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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Gao, Wei-Qiang
Godard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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                                                                    DR FILING DATE: 1998-09-18

BR APPLICATION NUMBER: 60/101068

DR FILING DATE: 1998-09-18

DR APPLICATION NUMBER: 60/101071

DR FILING DATE: 1998-09-18

DR APPLICATION NUMBER: 60/101279
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DR APPLICATION NUMBER: 60/100711
DR FILING DATE: 1998-09-17
DR APPLICATION NUMBER: 60/100848
DR FILING DATE: 1998-09-18
DR APPLICATION NUMBER: 60/100849
DR FILING DATE: 1998-09-18
DR APPLICATION NUMBER: 60/100919
DR FILING DATE: 1998-09-17
DR FILING DATE: 1998-09-17
DR FILING DATE: 1998-09-17
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FILING DATE: 1998-09-16
APPLICATION NUMBER: 60/100661
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APPLICATION NUMBER: 60/100710
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APPLICATION NUMBER: 60/100390
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                   APPLICATION FILING DATE:
                                                         FILING DATE:
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FILING DATE: 1998-09-17
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APPLICATION NUMBER: 60/100584
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                   : 1998-09-22
NUMBER: 60/101471
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PRIOR PRIOR PRIOR PRIOR

APPLICATION NUMBER: PILING DATE: 1998-0 FILING DATE:

1998-09-24

60/101741 60/101738

APPLICATION NUMBER:

APPLICATION NUMBER: 60/101743 FILING DATE: 1998-09-24

1998-09-24

60/101915 60/101916

APPLICATION NUMBER: 60/101479

1998-09-

1998-09-

APPLICATION NUMBER: 60/101477

PRIOR PRIOR PRIOR PRIOR PRIOR

APPLICATION NUMBER: FILING DATE: 1998-0: APPLICATION NUMBER:

1998-09-23 1998-09-23

60/101476 60/101475 60/101474

APPLICATION NUMBER:

1998-09-23 1998-09-23

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APPLICANT: Pan, James
APPLICANT: Pani, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C32
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR PILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR APPLICATION NUMBER: 60/098750
PRIOR APPLICATION NUMBER: 60/098750
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/098821
PRIOR APPLICATION NUMBER: 60/09883
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/09883
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
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US-10-013-912A-454
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Best Local
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APPLICANT:
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OR FILING DATE: 1998-10-21
OR APPLICATION NUMBER: 60/105169
OR FILING DATE: 1998-10-22
OR APPLICATION NUMBER: 60/105266
OR FILING DATE: 1998-10-22
OR APPLICATION NUMBER: 60/105693
OR FILING DATE: 1998-10-26
OR APPLICATION NUMBER: 60/105694
OR FILING DATE: 1998-10-26
OR APPLICATION NUMBER: 60/105807
OR FILING DATE: 1998-10-27
OR FILING DATE: 1998-10-27
OR APPLICATION NUMBER: 60/105881
OR APPLICATION NUMBER: 60/105881
OR APPLICATION NUMBER: 60/105882
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OR APPLICATION NUMBER: 60/105882
OR APPLICATION NUMBER: 60/106023
OR FILING DATE: 1998-10-27
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OR APPLICATION NUMBER: 60/106023
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FILING DATE: 1998-10-20
APPLICATION NUMBER: 60/105002
FILING DATE: 1998-10-20
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Gurney, Austin L.
Hillan, Kenneth J.
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Gao, Wei-Qiang
Goddard, Audrey
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b. US20030187194A1
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Pred. No. 1e+03;
0; Mismatches
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FILING DATE:

1998-10-07

60/103314

APPLICATION NUMBER:

FILING DATE:

1998-10-06 1998-10-02

APPLICATION NUMBER: 60/103258

NUMBER: 60/102965 NUMBER: 60/102687

1998-10-01

FILING DATE:

APPLICATION NUMBER: 60/103315

1998-10-07

APPLICATION NUMBER: 60/102684 FILING DATE: 1998-10-01

FILING DATE:

FILING DATE:

APPLICATION FILING DATE: APPLICATION NUMBER: FILING DATE: FILING DATE:

NUMBER: 60/102571

1998-09-30

1998-09-30

APPLICATION NUMBER:

APPLICATION NUMBER: 60/102484

1998-09-30 1998-09-

1998-09-30

60/102570 60/102487 ILING DATE:

NUMBER: 60/102331

1998-09-29

APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-0

1998-09-29

60/102330 60/102307

FILING DATE: FILING DATE:

1998-09-

APPLICATION NUMBER: 60/102207

1998-09-1998-09-24 1998-09-24

NUMBER: 60/102240

FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE:

FILING DATE:

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

R FILING DATE: 1998-10-08
R APPLICATION NUMBER: 60/10
R FILING DATE: 1998-10-08
R APPLICATION NUMBER: 60/10
R FILING DATE: 1998-10-08
R FILING DATE: 1998-10-14
R FILING DATE: 1998-10-14

NUMBER: 60/104257 NUMBER: 60/103711 NUMBER: 60/103679 PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

APPLICATION FILING DATE:

NUMBER:

60/103401

1998-10-07

FILING DATE:

APPLICATION NUMBER: 60/103449

FILING DATE: 1998-10-06

APPLICATION

NUMBER: 60/103396

1998-10-07

1998-10-07

FILING DATE: 1998-10-07 APPLICATION NUMBER: 60/103395 APPLICATION NUMBER: 60/103328 FILING DATE: 1998-10-07

APPLICATION NUMBER: 60/103633 FILING DATE: 1998-10-08 APPLICATION NUMBER: 60/103678

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APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
FITTE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C43
CURRENT APPLICATION NUMBER: US/10/015,653A
CURRENT APPLICATION NUMBER: US/10/015,653A
CURRENT PILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-015-653A-454
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US-10-013-912A-454
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Publication No. US2003018719
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
                                                           GENERAL INFORMATION:
                                                                          Sequence 454, Application US/10012101B Publication No. US20030187239A1
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Best Local Similarity
Matches 16; Conserv
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                   APPLICANT: Baker, Kevin P. APPLICANT: Botstein, David
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l Similarity 84.2%;
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Gao, wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J
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Desnoyers, Luc
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Hillan, Kenneth J.
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Eaton, Dan 1.
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o. US20030187195A1
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Pred. No. 1e+03;
0; Mismatches
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CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 204
LENGTH: 21
TYPE: DNA
ORGANIEM: Homo Bapiens
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US-10-091-281-204
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                                                                                                                                     OTHER INFORMATION: Putative XSEC/STAF.02 motif US-10-091-281-204
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Publication No. US20030190617A1

GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Prior application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
                                                                  Matches
                                                                           Query Match
Best Local Similarity
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Best Local Similarity 84.2%;
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APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Pan, James
APPLICANT: Pan, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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CURRENT FILING DATE: 2001-12-06
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                                                                                                                                                                         FEATURE:
                     1143 CTGACCACACTGCTCTGCA 1161
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2 CTTCCCACACTGCTCTACA 20
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Grimaldi, Christopher J.
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                                                                  Conservative
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                                                                 Score 14.2; DB
Pred. No. 1e+03;
0; Mismatches
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Pred. No. 1
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RESULT 1640 US-10-015-480A-454

Sequence 454, Applic Publication No. US20 GENERAL INFORMATION:

Application US/10015480A o. US20030190667A1

laker, Kevin P. Botstein, David

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RESULT 1641
US-10-015-715A-454
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                                                                               ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-715A-454
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                                                                                                                                                                    FILE REFERENCE: P2830PIC56
CURRENT APPLICATION NUMBER: US/10/015,715A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.3%;
Best Local Similarity 84.2%;
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                                          Query Match
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CURRENT APPLICATION NUMBER: US/10/015,480A
CURRENT FILING DATE: 2002-06-25
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APPLICANT: Paoni, Nicholas F.

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                    FEATURE:
                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
y match 0.3%;
Local Similarity 84.2%;
hes 16; Conservative
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
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Paoni, Nicholas F.
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Eaton, Dan 1.
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Hillan, Kenneth J.
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o: US20030190668A1
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     Score 14.2; DB 1; Length 21; Pred. No. 1e+03; Indels
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Pred. No. 1e+03;
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RESULT 1643
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US-10-012-237A-454
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CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrappe
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REPERENCE: P2830P1C21
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                                        TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same
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                             FILE REFERENCE: P2830P1C36
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Local Similarity 84.2%;
es 16; Conservative
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Gao, Wei-Qiang
Goddard, Audrey
                                                                        Paoni, Nicholas F.
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Cao, Wei-Qiang
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Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Hillan, Kenneth J.
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Grimaldi, Christopher J.
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Botstein, David
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o. US20030191281A1
CATION NUMBER: US/10/013,906A
G DATE: 2002-06-10
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Pred. No. 1
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APPLICATION NUMBER: 60/098716 FILING DATE: 1998-09-01 APPLICATION NUMBER: 60/098723 FILING DATE: 1998-09-01

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NUMBER: 60/1	98-10-06	NUMBER: 60	-10-07	NUMBER: 60/103	-10-07	80.103 0-10-07	1999-19-07	40 YO YOU	1999-10-07	NIMBER: 60/103	8-10-07	NUMBER: 60/103	8-10-07	EK: 60/103	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	1999-10-06	88. 60/103	1998-10-02	NUMBER: 60/102	10-01	NUMBER: 60/102	8-10-01	NUMBER: 60/102	8-09-30	ER: 60/102	8-09-30	ER: 60/102	0-04-50	1000-00-30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1995-00-30	NUMBER: 60/10	8-09-29	NUMBER: 60/102	09-29	NUMBER: 60/102	8-09-29	ER: 60/102	8-09-29	ER: 60/102	8-09-29	: 60/102	8-09-24	ER: 60/101	98-09-24	NUMBER: 60/101	8-09-24	NUMBER: 60/101	8-09-24	BER: 60/101	1998-09-24	BER: 80/101	1000-00-33	98-09-23	NUMBER: 60/101	98-09-23	ER: 60/101	98-09-23	ER: 60/101	98-09-23	NUMBER: 60/101	98-09-23	NUMBER: 60/101	8-09-23	NUMBER: 60/101	8-09-22	BER: 60/101	1998-09-18	BER: 60/101	1998-09-18	
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DR APPLICATION NUMBER: 60/098749
DR FILING DATE: 1998-09-01
DR APPLICATION NUMBER: 60/098750
DR FILING DATE: 1998-09-01
DR APPLICATION NUMBER: 60/098803
DR FILING DATE: 1998-09-02
DR APPLICATION NUMBER: 60/098843
DR FILING DATE: 1998-09-02
DR APPLICATION NUMBER: 60/098643
DR FILING DATE: 1998-09-02
DR APPLICATION NUMBER: 60/099536
DR FILING DATE: 1998-09-09
DR APPLICATION NUMBER: 60/099596
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DR FILING DATE: 1998-09-09
DR APPLICATION NUMBER: 60/099602
DR FILING DATE: 1998-09-09
DR APPLICATION NUMBER: 60/099602
DR APPLICATION NUMBER: 60/09974
DR APPLICATION NUMBER: 60/09975
DR APPLICATION NUMBER: 60/09976
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DR APPLICATION NUMBER: 60/099815
DR APPLICATION NUMBER: 60/099816
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DR APPLICATION NUMBER: 60/10038
DR FILING DATE: 1998-09-10
DR APPLICATION NUMBER: 60/10038
DR FILING DATE: 1998-09-15
DR APPLICATION NUMBER: 60/10038
DR FILING DATE: 1998-09-16
DR APPLICATION NUMBER: 60/10038
DR FILING DATE: 1998-09-16
DR APPLICATION NUMBER: 60/100661
DR APPLICATION NUMBER: 60/

APPLICATION NUMBER: FILING DATE: 1998-10 APPLICATION NUMBER:

1998-10-08 UMBER: 60/ 1998-10-08

60/103678 0-08 60/103679 0-08 60/103711

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                                             Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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                                                                                                                                                    APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C44
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                                                                                                                   CURRENT APPLICATION NUMBER: US/10/015,388A CURRENT FILING DATE: 2002-07-15
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ORGANISM: Artificial Sequence FEATURE:
                                  TYPE: DNA
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FILING DATE: 1998-10-27
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APPLICATION NUMBER: 60/105881
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FILING DATE: 1998-10-26
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APPLICATION NUMBER: 60/104987
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Similarity 84.2%;
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Gao, Wei-Qiang
Gooddard, Audrey
Goodowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Fong, Sherman
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CURRENT APPLICATION NUMBER: US/10/012,753A
CURRENT FILING DATE: 2001-12-07
Prior application removed - See file Wrapper or Palm NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                            Sequence 454, Appublication No.
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Best Local (
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                          Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J.
Grimaldi, Christopher J.
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Gurney, Austin L.
Hillan, Kenneth J
                                                                                    Ferrara, Napoleone
Fong, Sherman
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Desnoyers, Luc
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Hillan, Kenneth J.
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Grimaldi, Christopher
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5. US20030195334A1
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Pred. No. 1e+03;
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RESULT 1648
US-10-015-389A-454
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-454
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CURRENT FILING DATE: 2002-07-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: P2830P1C12

CURRENT APPLICATION NUMBER: US/10/007,236A

CURRENT FILING DATE: 2002-06-25

Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 477

SEQ ID NO 454

LENGTH: 21
Sequence 454, Application US/10015389A Publication No. US20030199675A1 GENERAL INFORMATION:
                                                                                                                                                                                                                  Query Match
Best Local Similarity
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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Gao, Wei-Qiang
Gooddard, Audrey
Goddwski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Eaton, Dan 1.
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Pred. No. 1e+03;
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-015-389A-454
                                US-10-015-519A-454
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CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                           TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C49
CURRENT APPLICATION NUMBER: US/10/015,519A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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Best Local Similarity
Query Match
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                                               OTHER INFORMATION: Synthetic oligonucleotide probe
                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                               TYPE: DNA
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Gao, Wei-Qiang
Goddard, Audrey
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Hillan, Kenneth J.
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Hillan, Kenneth J.
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Grimaldi, Christopher J.
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Grimaldi, Christopher J.
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 DB 1;
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Length 21;
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Matches

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Pred. No. 1e+03; 0; Mismatches

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Indels

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Best Local Similarity

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FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-454
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US-10-015-394A-454
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
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Publication No. US20030204054A1
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APPLICANT:
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CURRENT FILING DATE: 2002-06-25
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830P1C41
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Gao, Wei-Qiang
Goddard, Andrey
Goddowski, Paul J.
Grimaldi, Christopher J.
                                                                                        Fong, Sherman
Gao, Wei-Qiang
Goddard, Audrey
Goddwski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
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Desnoyers, Luc
Eaton, Dan 1.
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Desnoyers, Luc
Eaton, Dan 1.
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                                             Pan, James
Paoni, Nicholas F.
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Fong, Sherman
                                                                            Hillan,
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b. US20030204053A1
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                                                                              Kenneth J.
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Pred. No. 1e+0
0; Mismatches
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PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOPTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 129
LENGTH: 21
TYPE: DNA
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; OTHER INFORMATION: Synthetic oligonucleotide probe US-10-015-394A-454
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                                                                                   US-10-314-578-129
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Best Local Similarity 84.2%;
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Best Local Similarity 84.2%; Matches 16; Conservative
                                         Query Match
                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: C1039/7035 (HCL/MAT) CURRENT APPLICATION NUMBER: US/10/314,578 CURRENT FILING DATE: 2002-12-09 PRIOR APPLICATION NUMBER: US 60/156,113 PRIOR FILING DATE: 1999-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Krieg, Arthur M. APPLICANT: Schetter, Chris APPLICANT: Vollmer, Jorg
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APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
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PRIOR FILING DATE: 1998-09-09
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                                                                                                    OTHER INFORMATION: Synthetic Sequence
                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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APPLICATION NUMBER: 60/099596
FILING DATE: 1998-09-09
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APPLICATION NUMBER: 60/098843
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FILING DATE: 1998-09-02
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D. US20030212026A1
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                     0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 1e+03;
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Pred. No. 1
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                                         Length 21;
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APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR APPLICATION NUMBER: US 60/27,436
PRIOR FILING DATE: 1999-09-27
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-130
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                                                         Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 454, Application US/10015390A Publication No. US20030216562A1
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Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Publication No. US20 GENERAL INFORMATION:
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                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/015,390A CURRENT FILING DATE: 2002-07-15
                                                                                                                                                                                              APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                   FILE REFERENCE: P2830P1C53
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ORGANISM: Artificial Sequence FEATURE:
                                        TYPE: DNA
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Gao, Wei-Qiang
Goddard, Audrey
Goddwski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth J.
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Fong, Sherman
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Eaton, Dan 1.
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; OTHER INFORMATION: Synthetic
US-10-377-684-3
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SEO ID NO 3
SENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                    GENERAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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TITLE OF INVENTION: Method of Testing for Allergic Disease
FILE REFERENCE: SHIMIZU-07595
CURRENT APPLICATION NUMBER: US/10/377,684
CURRENT FILING DATE: 2003-02-27
PRIOR APPLICATION NUMBER: UP 2002-52310
PRIOR PILING DATE: 2002-02-27
PRIOR PILING DATE: 2002-02-27
PRIOR PILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 20
NUMBER OF SEQ ID NOS: 20
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OF INVENTION: Secreted and Transmembrane Polypeptides OF INVENTION: Acids Encoding the Same
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Gao, Wei-Qiang
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Saito, Hirohisa
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Oshida, Tadahiro
Sugita, Yuji
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                                 Paoni, Nicholas F.
                                                                Gurney, Austin L.
Hillan, Kenneth J.
                                                                                                Godowski, Paul J.
Grimaldi, Christopher J.
                                                  Pan, James
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Pred. No. 1e+03;
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Pred. No. 1e+03;
0; Mismatches
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PRIOR DR APPLICATION NUMBER: 60/102684

DR FILLING DATE: 1998-10-01

DR APPLICATION NUMBER: 60/102687

DR FILLING DATE: 1998-10-01

DR APPLICATION NUMBER: 60/102965

DR FILLING DATE: 1998-10-02

DR FILLING DATE: 1998-10-02 R FILING DATE: 1998-10R APPLICATION NUMBER: 6
R FILING DATE: 1998-10R FILING DATE: 1998-10-R FILING DATE: 1998-10R APPLICATION NUMBER: 6
R FILING DATE: 1998-10R APPLICATION NUMBER: 6 FILING DATE: 1998-09-23
APPLICATION NUMBER: 60/101738
FILING DATE: 1998-09-24
APPLICATION NUMBER: 60/101741
FILING DATE: 1998-09-24 APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: APPLICATION NUMBER: 60/101071 FILING DATE: 1998-09-18 APPLICATION NUMBER: 60/101279 FILING DATE: 1998-09-22 FILING DATE: 1998-0: APPLICATION NUMBER: FILING DATE: 1998-0: APPLICATION NUMBER: 60/101916
FILING DATE: 1998-09-24
APPLICATION NUMBER: 60/102207
FILING DATE: 1998-09-29
APPLICATION NUMBER: 60/102240 APPLICATION NUMBER: APPLICATION NUMBER: 60/101475 FILING DATE: APPLICATION | APPLICATION NUMBER: FILING DATE: 1998-09 APPLICATION NUMBER: 60/100930 FILING DATE: 1998-09-17 APPLICATION NUMBER: 60/103258 FILING DATE: 1998-10-06 APPLICATION NUMBER: 60/103314 FILING DATE: 1998-09-30 APPLICATION NUMBER: 60/ FILING DATE: 1998-09-30 FILING DATE: 1998-09-30
APPLICATION NUMBER: 60/
FILING DATE: 1998-09-30
APPLICATION NUMBER: 60/ FILING DATE: 1998-09-29
APPLICATION NUMBER: 60/102331
FILING DATE: 1998-09-29
APPLICATION NUMBER: 60/102484 FILING DATE: 1998-09-29
APPLICATION NUMBER: 60/102307
FILING DATE: 1998-09-29
APPLICATION NUMBER: 60/102330 APPLICATION NUMBER: 60/101743 FILING DATE: 1998-09-24 APPLICATION NUMBER: 60/101915 FILING DATE: 1998-09
APPLICATION NUMBER: FILING DATE: 1998-09-23 APPLICATION NUMBER: 60/101477 FILING DATE: 1998-10-07 APPLICATION NUMBER: 60/103395 FILING DATE: NUMBER: NUMBER: 60/101472 1998-10-07 1998-10-07 1998-10-07 1998-09-24 1998-09-23 1998-09-18 1998-10-07 1998-09-23 1998-09-23 1998-09-23 1998-09-1998-10-60/103396 60/103328 60/102571 60/102570 60/102487 60/101479 60/101476 60/101474 60/101471 60/101068 60/103315 60/101014 60/103401

PRIOR

APPLICATION

NUMBER:

1998-09-16

FILING DATE: 1998-09-16 APPLICATION NUMBER: 60/:

APPLICATION FILING DATE:

DATE: 1998-09-16

NUMBER: 60/100627 NUMBER: 60/100584

FILING DATE: 1998-09-15 FILING DATE: 1998-09-1

NUMBER:

60/100390

APPLICATION

NUMBER: 60/100388 NUMBER: 60/100385

FILING DATE: 1998-09-

APPLICATION |
FILING DATE:
APPLICATION |

NUMBER:

60/100684

1998-09-17

FILING

ATION NUMBER: 60/100710 DATE: 1998-09-17

FILING DATE: 1998-09-16 APPLICATION NUMBER: 60/: FILING DATE: 1998-09-17 APPLICATION NUMBER: 60/

NUMBER: 60/100682

60/100664 60/100662 60/100661

OR APPLICATION NUMBER: 60/100711
OR FILING DATE: 1998-09-17
OR APPLICATION NUMBER: 60/100848
OR FILING DATE: 1998-09-18
OR APPLICATION NUMBER: 60/100849
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OR APPLICATION NUMBER: 60/100919
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OR APPLICATION NUMBER: 60/100919
OR APPLICATION NUMBER: 60/100919
OR FILING DATE: 1998-09-17

CURRENT APPLICATION NUMBER: US/10/006,746A
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/098716
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/09873
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/09874
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098813
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099596
PRIOR APPLICATION NUMBER: 60/099602
PRIOR APPLICATION NUMBER: 60/09971
PRIOR APPLICATION NUMBER: 60/09974
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PRIOR APPLICATION NUMBER: 60/099763
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PRIOR APPLICATION NUMBER: 60/099763
PRIOR APPLICATION NUMBER: 60/099792
PRIOR APPLICATION NUMBER: 60/099815
PRIOR APPLICATION NUMBER: 60/099816
PRIOR APPLICATION NUMBER: 60/09

APPLICATION NUMBER: 60/103678

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APPLICATION NUMBER: 60/103633

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RESULT 1657
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Best Local S
Matches 16
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                                                                                                                                  APPLICANT:
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         TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2830PIC68
CURRENT APPLICATION NUMBER: US/10/226,254A
CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
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APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan 1.
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APPLICATION NUMBER:
FILING DATE: 1998-10
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FILING DATE: 1998-10-26
APPLICATION .NUMBER: 60/098723
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APPLICATION NUMBER: 60/105693
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Godowski, Paul J.
Grimaldi, Christopher J
Gurney, Austin L.
Hillan, Kenneth J.
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                                                                                                                       Paoni, Nicholas F.
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Pred. No. 1e+03;
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RESULT 1659 US-10-405-877-112

Sequence 112, Appropriation No.

Application US/10405877 o. US20030232363A1

GENERAL INFORMATION:
APPLICANT: Stahl, Andreas
APPLICANT: Hirsch, David J.

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                                                                                                                                               ; OTHER INFORMATION: oligonucleotide US-10-418-182-112
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US-10-418-182-112/c
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                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 112
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1996-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR PRIOR PRIOR DATE: 1998-09-09
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                                                                        Matches
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Best Local (
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                                                                                                                                                                                                                                                                                                                                               APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
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                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 2
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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FILING DATE: 1998-09-01
APPLICATION NUMBER: 60/098750
FILING DATE: 1998-09-01
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FILING DATE: 1998-09-02
                           1715 CATGATCACCATCTTCATC 1733
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21 CATCATCATCATCATC
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16; Conserv
                                                                                          Similarity
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                                                                      Conservative
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                                                                                        Score 14.2;
Pred. No. 1
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                                                                          Mismatches
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                                                                                          1e+03;
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; ORGANISM: Mus musculus
US-10-405-877-112
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PRIOR FILLING DATE: 1999-12-16
PRIOR PELICATION NUMBER: US 09/405,504
PRIOR FILLING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: US 09/405,505
PRIOR FILLING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: US 09/232,197
PRIOR APPLICATION NUMBER: US 09/232,200
PRIOR PILLING DATE: 1999-01-14
PRIOR APPLICATION NUMBER: US 09/232,200
PRIOR PILLING DATE: 1999-01-14
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                    SEQ ID NO 3998
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TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                           PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1990-04-21 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: 1998-04-21
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PRIOR FILING DATE: 2000-07-02
PRIOR APPLICATION NUMBER: US 09/506,252
PRIOR FILING DATE: 2000-02-17
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CURRENT APPLICATION NUMBER: US/10/405,877
CURRENT FILING DATE: 2003-04-01
                                                                                                                                                             NUMBER OF SEQ
                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US/09/422,978 PRIOR FILING DATE: 1999-10-20
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PRIOR APPLICATION NUMBER: US 09/232,191
PRIOR FILING DATE: 1999-01-14
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TITLE OF INVENTION: FATTY ACID TRANSPORT PROTEINS
                                                              ORGANISM: Homo Sapiens
                                             FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
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; PEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification
US-10-349-143-6964
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Best Local S
Matches 16
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Publication No. US20040005584A1
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SEQ ID NO 6964
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Best Local Similarity
CURRENT FILING DATE: 2009/422,978
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR PILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR PILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR APPLICATION STANLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
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                                                                                                                                                                         APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for
FILE REFERENCE: GENGET 0.02CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                  APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
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PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR PILING DATE: EARLIER PILING DATE: 1998-04-21
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CURRENT FILING DATE: 2003-01-21
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TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET 020CP1
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TYPE: DNA
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16; Conserv
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o. US20040005584A1
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Pred. No. 1e+0
0; Mismatches
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Pred. No. 1e+03;
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EARLIER FILING DS: 11796

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밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-921 for SEQ 2196, in complement
US-10-349-143-10061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         밁
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                                                                                                                                                                                                                                                    RESULT 1664
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                                                                                                                                                                                                                                US-10-011-795A-454
                                                                                                                                                                                      Sequence 454, Application US/10011795A
Publication No. US20040005626A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 10061
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 10061, Application US/10349143 Publication No. US20040005584A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 7474
                                                                                                                                                                          GENERAL
                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 16;
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR PILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER FILING DATE: 1998-104-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen,
APPLICANT: Blume
                                                        APPLICANT:
                                                                                              APPLICANT:
                                                                                                                  APPLICANT:
                                                                                                                                  APPLICANT: Baker, APPLICANT: Botste
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-5329 for SEQ 3540,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2589 AGCGACATCATGACGAGTG 2607
                                                                                                                                                                                                                                                                                                                                                   2808 GAAAATGAAGAAGGAAGTG 2826
                                                                                                                                                                          INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         19
                                                                                                                                                                                                                                                                                                                                                                                         16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AGCGACAACATGAAGAATG
Fong, Sherman
Gao, Wei-Qiang
Goddard, Audrey
Godowski, Paul J
                                                                                                          Baker, Kevin P.
Botstein, David
Desnoyers, Luc
                                                        Ferrara, Napoleone Fong, Sherman
                                                                                              Eaton, Dan 1.
                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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Pred. No. 1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.2; DB
Pred. No. 1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
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APPLICANT: Blatt, Larry
APPLICANT: Macejak, Dennis
ITILE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
ITILE OF INVENTION: Interactions
FILE REFERENCE: MBHB02-305-A (400/011)
CURRENT APPLICATION NUMBER: US/10/420,194
CURRENT FILING DATE: 2003-04-22
PRIOR APPLICATION NUMBER: PCT/US 03/05190
PRIOR APPLICATION NUMBER: PCT/US 03/05190
PRIOR APPLICATION NUMBER: US 60/394,722
PRIOR APPLICATION NUMBER: US 60/374,722
PRIOR APPLICATION NUMBER: US 60/374,722
PRIOR RILING DATE: 2002-07-23
PRIOR RILING DATE: 2002-04-22
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,782
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR APPLICATION NUMBER: US 60/366,782
PRIOR PILING DATE: 2002-06-06
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                                                    US-10-420-194-463
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
                                                                                                                                                                SEQ ID NO 463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C25
CURRENT APPLICATION NUMBER: US/10/011,795A
CURRENT FILING DATE: 2001-12-07
CURRENT FILING DATE: 2001-12-07
                                                                                                                                                                                    Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 1234 SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR FILING DATE: 2003-01-15
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                                                                                                        LENGTH: 21
TYPE: RNA
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                 ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic oligonucleotide probe
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                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      64 CCATGCCTGCTAGGCCATG 82
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Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/10420194
5. US20040006035A1
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                                                                                 immunodeficiency virus
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                                                                                                                                                                                                                                                 See File Wrapper or PALM
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Length 21;
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Query Match

0.3%;

Score 14.2;

DB 1;

Best Local Similarity

73.78;

Pred. No. 1e+03;

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US-10-420-194-464
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                                                                                                                                                                                              Sequence 466, Application US/10420194 Publication No. US20040006015A1
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                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 464
                                     APPLICANT: McSwiggen, Jim
APPLICANT: Blatt, Larry
APPLICANT: Macjak, Dennis
TITLE OF INVENTION: Nucleic Acid Mediated Disruption
TITLE OF INVENTION: Interactions
                                                                                                                               APPLICANT: Sirna Therapeutics, Inc. APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/398,036
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/374,722
PRIOR FILING DATE: 2002-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: MBHB02-305-A (400/011)
CURRENT APPLICATION NUMBER: US/10/420,194
CURRENT FILING DATE: 2003-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 1234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/386,782
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
CURRENT APPLICATION NUMBER: US/10/420,194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA ORGANISM: Human immunodeficiency virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                              4299 GCAACAAACAGTCTGGGTC 4317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4299 GCAACAAACAGTCTGGGTC 4317
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5: US20040006035A1
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                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                  ION: Interactions
MBHB02-305-A (400/011)
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                                                                                                                                                                                                                                                                                                                                                                                                                          Score 14.2; DB 1;
Pred. No. 1e+03;
2; Mismatches 3;
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Best Local
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PRIOR APPLICATION NUMBER: PCT/US 03/05190
PRIOR FILING DATE: 2003-02-20
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TITLE OF INVENTION: Nucleic Acid Mediated Disruption
TITLE OF INVENTION: Interactions
                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/420,194
CURRENT FILING DATE: 2003-04-22
                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Interactions FILE REFERENCE: MBHB02-305-A (400/011)
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FILING DATE: 2002-09-09
APPLICATION NUMBER: US 60/440,129
FILING DATE: 2003-01-15
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APPLICATION NUMBER: US 60/374,722
                                                                                                                                          APPLICATION NUMBER: US 60/386,782 FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/374,722
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APPLICATION NUMBER: US 60/363,124
                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/358,580 FILING DATE: 2002-02-20
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                                     APPLICATION NUMBER:
                                                                               APPLICATION NUMBER: US 60/408,378
                                                                                                APPLICATION NUMBER: US 60/406,784 FILING DATE: 2002-08-29
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                                          US 60/409,293
60/440,129
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APPLICANT: Macejak, Dennis

ITITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide

FILE REFERENCE: MBHB02-305-A (400/011)

CURRENT APPLICATION NUMBER: US/10/420,194

CURRENT FILING DATE: 2003-04-22

PRIOR APPLICATION NUMBER: PCT/US 03/05190

PRIOR FILING DATE: 2003-02-20

PRIOR FILING DATE: 2003-07-23

PRIOR APPLICATION NUMBER: US 60/398,036

PRIOR APPLICATION NUMBER: US 60/374,722

PRIOR APPLICATION NUMBER: US 60/374,722

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR APPLICATION NUMBER: US 60/363,782
RESULT 1670
US-10-420-194-976/c
; Sequence 976, Application US/10420194
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US-10-420-194-974
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 973
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Publication No.
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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                                                                                                                                                                                                                                                                                     TYPE: DNA
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les 16; Conserv
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les 16; Conserv
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APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
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APPLICATION NUMBER: US 60/406,784
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Pred. No. 1e+03;
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TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
TITLE OF INVENTION: Interactions
FILE REFERENCE: MBHB02-05-A (400/01)
CURRENT APPLICATION NUMBER: US/10/420,194
CURRENT PILING DATE: 2003-04-22
PRIOR APPLICATION NUMBER: PCT/US 03/05190
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/398,036
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/374,722
PRIOR FILING DATE: 2002-04-22
PRIOR FILING DATE: 2002-04-22
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/358,782
PRIOR APPLICATION NUMBER: US 60/363,784
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR APPLICATION NUMBER: US 60/406,784
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US-10-012-231A-454
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US-10-420-194-976
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 976
                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATIC APPLICANT: Baker,
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FILE REFERENCE: P2830P1C23
CURRENT APPLICATION NUMBER: US/10/012,231A
CURRENT FILING DATE: 2002-06-10
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                                                                  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
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TYPE: DNA
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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Similarity 84.2%;
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Hillan, Kenneth J.
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Grimaldi, Christopher J.
                                                                                                                  Paoni, Nicholas F.
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Eaton, Dan 1.
                                                                                                                                           Pan, James
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Pred. No. 1
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; ORANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-012-231A-454
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US-10-072-012-1188/c
                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: 60/265,102
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 60/265,514
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,517
PRIOR FILING DATE: 2001-01-31
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Matches
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NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
              PRIOR FILING DATE: 2001-02-07
PRIOR PELICATION NUMBER: 60/266,975
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 60/267,459
PRIOR FILING DATE: 2001-02-08
PRIOR FILING DATE: 2001-02-08
                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/265,395
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/266,406
                                                                                                                                                                                                                             PRIOR FILING DATE: PRIOR APPLICATION NO PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/072,012
CURRENT FILING DATE: 2002-01-31
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                                                                                                      PRIOR APPLICATION NUMBER: 60/267,057
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                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/265,412
                                                                                                                                                                                                                             FILING DATE: 2001-01-3
                                                                                                                                                            FILING DATE:
                                                                                                                                        APPLICATION NUMBER: 60/266,767
                                                                                                                          FILING DATE: 2001-02-05
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Spytek, Kimberly
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Rieger, Daniel K.
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Alsobrook II, John P.
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Zerhusen, Bryan
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Taupier Jr, Raym
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Pena, Carol E. A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Colman,
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Rastelli, Luca
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ilarity 84.2%;
Conservative
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                                                                                                                                                          2001-02-02
 lication data removed -
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Pred. No. 1e+03;
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See File Wrapper
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RESULT 1674 US-10-461-194-61/c

Sequence 61, Application US/10461194 Publication No. US20040077058A1 GENERAL INFORMATION:

APPLICANT: Hutchinson,

Richard

Reid, Hu, Z

Rascher, Andreas

i, Ralph C. Zhihao

APPLICANT:

f: Schirmer, Andreas
 f: McDaniel, Robert
 INVENTION: RECOMBINANT POLYNUCLEOTIDES ENCODING

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                                                                                                                       ; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-395A-454
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                                                          Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                              Prior application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 454, A Publication No.
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                                                                                                                                                                                                                                                         APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: PS830P1CS7 CURRENT APPLICATION NUMBER: US/10/015,395A CURRENT FILING DATE: 2001-12-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                    LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Ag2993 Reverse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    609 AGCGAGTCCATCTCCCGGG 627
                             64 CCATGCCTGCTAGGCCATG 82
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Gao, Wei-Qiang
Goddard, Audrey
CCATGCCTGCTCAGCCAAG
                                                                                                                                                                                                                                                                                                                                                                        Gurney, Austin L.
Hillan, Kenneth J.
                                                                                                                                                                                                                                                                                                                                                                                                     Godowski, Paul J.
Grimaldi, Christopher
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Botstein, David
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5. US20040073015A1
                                                          Conservative
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                                                                          0.3%;
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Pred. No. 1e+03;
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19
                                                           Mismatches
                                                                                        DB 1;
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                                                                                       Length 21;
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; ORGANISM: Mouse
US-10-280-183A-398
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US-10-280-183A-398/c
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TITLE OF INVENTION: ACCESSORY PROTEINS, AND
FILE REFERENCE: 300622009700
CURRENT APPLICATION NUMBER: US/10/461,194
CURRENT FILING DATE: 2003-06-13
PRIOR APPLICATION NUMBER: US 60/389,255
PRIOR APPLICATION NUMBER: US 60/393,929
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/395,275
PRIOR APPLICATION NUMBER: US 60/395,275
PRIOR APPLICATION NUMBER: US 10/212,962
PRIOR FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: US 60/415,326
PRIOR FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: US 60/420,820
PRIOR PILING DATE: 2002-10-24
PRIOR APPLICATION NUMBER: US 60/420,820
PRIOR APPLICATION NUMBER: US 60/433,130
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; ORGANISM: Streptomyces
US-10-461-194-61
                                                        ಸೀಕ್ಷ್ Local
Matches 1
                                                                                                                                                                                                     SOFTWARE: Patentin Ver.
SEQ ID NO 398
LENGTH: 21
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LENGTH: 21
                                                                                                       Query Match
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                   PILE REFERENCE: PC18306A
CURRENT APPLICATION NUMBER: US/10/280,183A
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: 60/200,794
PRIOR FILING DATE: 2000-04-28
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Tordoff, Michael G.
TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETNERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
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SOFTWARE: FastSEQ for
                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 652
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Local Similarity 84.2%;
hes 16; Conservation
5055 TAGTGCAGCCTTTTCTTCC 5073
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           215 AAGCCGCGCAGCCGTGGC 233
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                                                                 l Similarity
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Chatterjee, Aurobindo
De Jong, Pieter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ross, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ohmen, Jeffrey D
Reed, Danielle R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Li, Shanru
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                                                                 0.3%;
llarity 84.2%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Alexander A
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                                                                 Score 14.2; I
Pred. No. 1e+(
0; Mismatches
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Pred. No. 1e+03;
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                                                                                      1e+03;
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NUMBER OF SEQ ID NOS: 86
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19
LENCTH: 21
TYPE: RNA
TYPE: RNA
TYPE: RNA
TORGANISM: Homo sapiens
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US-10-684-190-18
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publication No. US20040096889A1
GENERAL THOORMATION:
APPLICANT: Wyeth
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN TITLE OF INVENTION: KINASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 18, Applicat Publication No. US200 GENERAL INFORMATION: APPLICANT: Wyeth
                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                      Sequence 4, Application US/10651833 Publication No. US20040110200A1
                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%;
Best Local Similarity 52.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN TITLE OF INVENTION: KINASE FILE REFERENCE: AMIJO1073 CURRENT APPLICATION NUMBER: US/10/684,190 CURRENT FILING DATE: 2003-10-10 NUMBER OF SEQ ID NOS: 86 SOFTWARE: Patentin version 3.2
FILE REFERENCE: NX23
CURRENT APPLICATION NUMBER: US/10/651,833
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US 60/407,598
PRIOR FILING DATE: 2002-08-29
NUMBER OF SEQ ID NOS: 77
                                                                                                                         APPLICANT: Peoples, Risa
APPLICANT: Van Atta, Reuel B.
TITLE OF INVENTION: POLYMORPHISM DETECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: AM101073
CURRENT APPLICATION NUMBER: US/10/684,190
CURRENT FILING DATE: 2003-10-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4785 CTCAGTTCTTTGGTTGGAA 4803
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Pred. No. 1
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                                                                                                                              AMONG HOMOLOGOUS SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1;
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; ORGANISM: Mus sp.
US-10-415-489-24
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                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: BRINKMANN, ULRICH
APPLICANT: HOFFMEYER, SVEN
APPLICANT: MORNHINWEG, ESTHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 24, Application US/10415489 Publication No. US20040137443A1 GENERAL INFORMATION:
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LENGTH: 21
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Best Local
               APPLICANT: MORNHINWEG, ESTHER
TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
FILE REFERENCE: VOS-42 CON
CURRENT APPLICATION NUMBER: US/10/627,253A
CURRENT FILING DATE: 2003-07-24
PRIOR APPLICATION NUMBER: PCT/EF02/00796
PRIOR FILING DATE: 2002-01-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Novel clock gene promoter FILE REFERENCE: 075308 CURRENT APPLICATION NUMBER: US/10/415,489 CURRENT FILING DATE: 2003-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: JP 2001-383743
PRIOR FILING DATE: 2001-12-17
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: JP 2001-107467
PRIOR PILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: JP 2001-183087
PRIOR FILING DATE: 2001-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2003-04-30
PRIOR APPLICATION NUMBER: PCT/JP02/03290
PRIOR FILING DATE: 2002-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.2 
EQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Yamanouchi Pharmaceutical Co., Ltd
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NAME/KEY: misc_feature
LOCATION: (2)..(2)

OTHER INFORMATION: "n" represents a non-nucleosidic cross-linking
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OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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nes 16; Conserv
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APPLICATION NUMBER: EP 01101651.6
                                                                                                                                                                                                                                                                                                                                                                                                                                      2856 ACTCTTCCAAAGCTGAAGC 2874
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Conservative
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Pred. No. 1e+03;
0; Mismatches
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Pred. No. 1e+03;
0; Mismatches
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Sequence 31, Applicat Publication No. US200 GENERAL INFORMATION: APPLICANT: I.N.S.E.R

Application US/10480276 No. US20040171015A1

I.N.S.E.R.M.

and biological applicati

TITLE OF INVENTION: CYP450-specific DNA probes and primers, TITLE OF INVENTION: thereof FILE REFERENCE: bct010072 CURRENT APPLICATION NUMBER: US/10/480,276 CURRENT FILING DATE: 2003-12-11 NUMBER OF SEQ ID NOS: 42 SOFTWARE: PatentIn version 3.1

SEQ ID NO 31 LENGTH: 21 TYPE: DNA

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RESULT 1682
US-10-480-276-31
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                                                                                                                                                                                                                       US-10-627-253A-162
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 406
SOFTWARE: PatentIn version 3.2
SEQ ID NO 161
                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.2 SEQ ID NO 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                Matches
                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: BRINKMANN, ULRICH
APPLICANT: HOFFWEYER, SVEN
APPLICANT: HOFFWEYER, SVEN
APPLICANT: MORNHINWEG, ESTHER
TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
EILE REFERENCE: VOS-42 CON
CURRENT APPLICATION NUMBER: US/10/627,253A
CURRENT FILING DATE: 2003-07-24
                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/EP02/00796
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: EP 01101651.6
PRIOR FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                                                                                               Match 0.3%;
Local Similarity 84.2%;
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                                                                                                 728 CATGAGGTTCTTCACCAAG 746
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Pred. No. 16
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                                                                                                                                     US-10-786-720-1274
                                                                                                                                                         APPLICANT: Wyeth
APPLICANT: O'TOOle, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 1274
LENGTH: 21
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Publication No. US20040180438A1
GENERAL INFORMATION:
APPLICANT: Pachuk, Catherine J.
TITLE OF INVENTION: Methods and Compositions For Silencing
TITLE OF INVENTION: Genes Without Inducing Toxicity
FILE REFERENCE: 50238/010002
CURRENT APPLICATION NUMBER: US/10/425,006B
CURRENT FILING DATE: 2003-04-28
PRIOR APPLICATION NUMBER: US 60/375,636
PRIOR FILING DATE: 2002-04-26
                                                                                   Query Match
Best Local
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Best Local Similarity 78.9%;
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LENGTH: 21
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                  TYPE: RNA
ORGANISM: RNAi-sense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                 1093 ACTCTGAATTTGTGAAGAC 1111
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                                                                                  Similarity
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                                                                   Conservative
                                                                                  0.3%;
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                                                                                  Score 14.2; DB 1; Length 21; Pred. No. 1e+03;
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Pred. No. 16
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Pred. No. 1e+03;
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                                                                   Mismatches
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; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2952
; LENGTH: 21
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-2952
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2951, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Vyeth
APPLICANT: Liu, Wei
APPLICANT: OSTERASES
FILLE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTMARE: PATEENTIN VERSION 3.2
SEQ ID NO 2951
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2952, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                                                                                                                                                                                                 RESULT 1687
US-10-786-720-3227
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US-10-786-720-2952/c
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                                                                                                                                                                      Sequence 3227, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local Similarity 57.9%;
APPLICANT: Wyeth
APPLICANT: UTOO1e, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
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ORGANISM: RNAi-sense strand
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Pred. No. 1
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Pred. No. 1e+03;
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                                                                             FOR DIAGNOSING AND TREATING AUTOIMMUNE
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US-10-786-720-5539
                                                                    ; ORGANISM: Homo US-10-786-720-5539
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                                                               APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-022000 (AM101331L)
CURRENT APPLICATION UNMERR: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 5539
LENGTH: 21
TYPE: DNA
TYPE: DNA
TYPE: DNA
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Matches
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SEQ ID NO 3228
LENGTH: 21
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Best Local
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LENGTH: 21
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILLING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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ORGANISM: RNAi-antisense strand
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ORGANISM: RNAi-sense strand
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nes 11; Conserv
Local Similarity
mes 16; Conserv
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                  0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 1e+03;
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Mismatches
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; LENGTH: 21
; TYPE: RNA
; ORCANISM: RNAi-antisense strand
US-10-786-720-5541
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US-10-786-720-5542
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                                                                                                                                                                                                                                 TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5542
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                                                                                                              Query Match
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Best Local
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMEN
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
NUMBER OF SEQ ID NOS: 21135
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
                                                                                                                                                                                              LENGTH: 21
TYPE: DNA
                                                                                                                                                                         ORGANISM: Homo sapiens
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                                   5250 AATAAATTGTGCCTTTCTT 5268
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Similarity 84.2%;
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                                                                             Conservative
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19
                                                                                                                DB 1;
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                                                                                                                Length 21;
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; Sequence 5544, Application US/10786720; Publication No. US20040191818A1; GENERAL INFORMATION:

APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei

US-10-786-720-5544/c

RESULT 1692

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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 5736
LENGTH: 21
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; ORGANISM: Homo sapiens
US-10-786-720-5734
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US-10-786-720-5734/c
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 5734
LENGTH: 21
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CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5544
LENGTH: 21
                                                                                                                                                                                                                                                                                                                     Sequence 5736, Application US/10786720 Publication No. US20040191818A1
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Best Local Similarity
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APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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TYPE: RNA
ORGANISM: RNAi-antisense strand
10-786-720-5736
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Pred. No. 1e+03;
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US-10-786-720-7898/c
; Sequence 7898, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
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APPLICANT: O'TOOL, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANTON: COMPOSITIONS AND METHODS FO
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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                                                                                                                                                 NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7898
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.2
SEQ ID NO 6122
LENCTH: 21
TYPE: RNA
                                                                   Matches
                                                                                 Query Match 0.3%;
Best Local Similarity 84.2%;
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Best Local (
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Matches 8; Conserv
                                                                                                                                                                                                                                                    APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS.FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: RNAi-sense strand
                               3609 AGGAAGGACCAGGAATCCC 3627
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Pred. No. 1e+0
8; Mismatches
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                                                                                   Score 14.2;
Pred. No. 1e
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Pred. No. 16
                                                                   Mismatches
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                                                                                 1e+03;
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                                                                                                 Length 21;
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US-10-786-720-7928; Sequence 7928, Application US/10786720; Publication No. US20040191818A1

RESULT 1697

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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 10148
LENGTH: 21
LENGTH: 21
LENGTH: 21
LENGTH: 21
                                                  GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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US-10-786-720-10178
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US-10-786-720-10148/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO'
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservation
                                                                                                                                                                                                                                       Sequence 10178, Application US/10786720 Publication No. US20040191818A1
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 10178
LENGTH: 21
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SEQ ID NO 7928
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Best Local
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12; Conserv
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Pred. No. 1e+03;
0; Mismatches
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Pred. No. 1e+03;
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Sequence 12723, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101131L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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                                                                                                                                             ; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12723
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US-10-786-720-12722/c
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; ORGANISM: RNAi-sense
US-10-786-720-10178
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US-10-786-720-12723
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wyeth
APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: LIU, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 12722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 12722, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.2 SEQ ID NO 12723
                                                                          Matches
                                                                                        Query Match
Best Local Similarity
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Best Local Similarity 84.2%;
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Best Local Similarity
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TYPE: RNA
ORGANISM: RNAi-sense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2550 CCCCTGGTGCACGTGGTGT 2568
                                    1591 TGGAAACAGAGAAGGAGAA 1609
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1 UGACAACAGAGAAGUAGAA 19
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                                                                        Conservative
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    Mismatches

                                                                                        Score 14.2; DB Pred. No. 1e+03;
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Pred. No. 16
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                     FOR DIAGNOSING AND TREATING AUTOIMMUNE
                                                                                                         Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 21;
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GENERAL INFORMATION:

APPLICANT: Wyeth
APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO)
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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US-10-786-720-12817
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APPLICANT: Myeth
APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 12819
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21.35
SOFTWARE: PATENTIN Version 3.2
SEQ ID NO 12817
LENGTH: 21
                                                                                                                                                                                                  Sequence 12867, Application US/10786720 Publication No. US20040191818A1
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA ORGANISM: RNAi-antisense strand
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Local Similarity 84.2%;
hes 16; Conservative
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Pred. No. 1e+03;
0; Mismatches 3;
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                                                                                                                                                         ORGANISM: RNAi-antisense strand US-10-786-720-12876
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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Matches
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SEQ ID NO 12874
LENGTH: 21
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LENGTH: 21
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SOFTWARE: PatentIn version :
SEQ ID NO 12867
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Best Local Similarity 84.2%;
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APPLICANT: O'TOOle, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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                               Match 0.3%; Score 14.2; Local Similarity 68.4%; Pred. No. 1.
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ilarity 84.2%;
Conservative
3; Mismatches
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Pred. No. 1e+03;
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US-10-786-720-13023/c
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; ORGANISM: Homo sapiens
US-10-786-720-13015
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APPLICANT: O'TOOle, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 03196-032000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13017
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APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13015
LENGTH: 21
                                                                                            Sequence 13023, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
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Best Local
                              APPLICANT: Wyeth APPLICANT: O'TO APPLICANT: Liu,
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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: RNAi-antisense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
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                           O'Toole, Margot
Liu, Wei
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GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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US-10-786-720-13024
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                                                                                                                       NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version :
SEQ ID NO 13026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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                                                                                                                                                                     APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: DISEASES FILE REFERENCE: 031896-023000
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TYPE: RNA
                                                               TYPE: RNA
ORGANISM: RNAi-antisense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                       ENGTH: 21
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Local Similarity 84.2%;
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Pred. No. 16
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Pred. No. 1e+03;
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Query Match

Score 14.2;

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1;

Length 21;

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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 14424
LENGTH: 21
TYPE: RNA
              US-10-786-720-15488/c
; Sequence 15488, Application US/10786720
; Publication No. US20040191818A1
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US-10-786-720-14424/c
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US-10-786-720-14412/c
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; ORGANISM: RNA1-antisense strand
US-10-786-720-14412
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Best Local S
Matches 16
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GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 14412
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Mei
APPLICANT: Liu, Mei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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les 16; Conserv
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84.2%; Pred. No. 1e+03;
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APPLICANT: Wyeth
APPLICANT: COTTOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VETSION 3.2
SEQ ID NO 16520
LEGGTH: 21
ENGRYPH: 21
MINER OF SEQ ID NOS: 20184
SOFTWARE: PATENTIN VETSION 3.2
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US-10-786-720-16166/c
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 16166
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LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
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TYPE: RNA
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Local Similarity 84.2%;
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1e+03;
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                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17521
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Best Local
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Best Local
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Best Local Similarity
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
TILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
NUMBER OF SEQ ID NOS: 21135
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TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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APPLICANT: O'Toole, Margot
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Local Similarity 84.2%;
hes 16; Conservaring
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Pred. No. 1e+0
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Pred. No. 16
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Pred. No. 16
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RESULT 1719

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; SEQ ID NO 18709
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18709
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US-10-786-720-18199
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LENGTH: 21
TYPE: DNA
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Best Local
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Best Local Similarity
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APPLICANT: Wyeth
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIM/UNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILLING DATE: 2004-02-26
CURRENT FILLING DATE: 2004-02-26
CURRENT FILLING DATE: 2004-02-26
CURRENT FILLING DATE: 2004-02-26
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APPLICANT: O'Toole, Margot
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Similarity 84.2%;
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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOI
FITTLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 19495
LENGTH: 21
                                  Query Match
Best Local Similarity
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                                                                                                               ; TYPE: RNA; ORGANISM: RNA; sense strand US-10-786-720-19712
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US-10-786-720-19495
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US-10-786-720-19160
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Best Local S
Matches 16
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APPLICANT: O'TOOle, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 19712
LENGTH: 21
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Best Local Similarity 84.2%;
Matches 16; Conservative
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SEQ ID NO 19160
LENGTH: 21
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2704 AGTTTCTCAGGTGCTATGC 2722
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILLING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 20075
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'TOOL,
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FO:
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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US-10-786-720-20075
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US-10-471-065-3/c
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Sequence 3, Application US/10471065
publication No. US20040197855A1
GENERAL INFORMATION:
APPLICANT: Prof. Dr. Wiesmueller, Lisa
TITLE OF INVENTION: Test system for the determination of genotoxicities
FILE REFERENCE: P59532
CURRENT APPLICATION NUMBER: US/10/471,065
CURRENT FILING DATE: 2003-09-04
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Best Local Similarity 57.9%;
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TYPE: RNA
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47.4%; Pred. No. --
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Pred. No. 16
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                                                                                                                                                                                                                                                                                                                                                        US-09-263-959-802
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US-10-775-169-4740
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Best Local Similarity
Matches 16; Conserv
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Patent No. US20020150891A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 4740
LENGTH: 25
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 3
LENGTH: 21
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       ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Palance
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dorner, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wyeth APPLICANT: Burc:
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CURRENT FILING DATE: 2004-02-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                    APPLICANT: Rowen, Lee APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                              STREET: 6300 C
                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      3858 CCGGCCAAGAGGCCCATCA 3876
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                                                                                                                                                               E: Seed and Berry LLP
6300 Columbia Center, 701
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              PatentIn Release #1.0,
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84.2%;
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US-09-263-959-810
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                                  Query Match
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Patent No. US:
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                                                                                                                              TELEFAX: (206) 682-603
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: HULL,
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,9
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NAME: McMasters, David D
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: Seattle
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Match
Local Similarity 100.0%; P
                                                                                              LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 05-MAF
                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
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US20020150891A1
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Pred. No. 5.9e+
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                  DB 1; L
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US-09-263-959-816
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Matches
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                                                     SEQ ID NO 2
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Patent No. US20020150891A1
                                                                                                 APPLICANT: FEIGHER, PHILIP L.
APPLICANT: ZELPHATI, OLIVIER
TITLE OF INVENTION: INTRACELLULAR PROTEIN DELIVERY
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF US
FILE REFERENCE: GTSYS.004A
CURRENT APPLICATION NUMBER: US/09/738,046A
CURRENT FILING DATE: 2000-12-15
                                                                      NUMBER OF SEQ ID NOS: 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
ORGANISM: Artificial Sequence
                     TYPE: DNA
                                      LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA: APPLICATION UMBER: US/09/263,959 FILING DATE: 05-MAR-1999 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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PLICANT: KOOD, Ben F.
TLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
MBER OF SEQUENCES: 1279
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14; Conserv
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ER: 920010.426C2
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                                                                                                                                                                    AND METHODS OF USE
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, OTHER INFORMATION: plasmid, pGene Grip PNA binding site US-09-738-046A-2
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TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TR
TITLE OF INVENTION: HERATITIS C VIRUS INFECT
FILE REFERENCE: rpi 247/882
CURRENT APPLICATION NUMBER: US/09/504,231A
CURRENT FILING DATE: 2000-02-15
FRIOR APPLICATION NUMBER: 09/274,553
PRIOR FILING DATE: 1999-03-23
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR PILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3242
CONTINUES: DESCRIPTION SECONDAINES
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 847
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                                                                                                                                                                                                                                                                                          Sequence 847, Application Patent No. US20020082225A1
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Best Local Similarity
Matches 12; Conserv
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                                                      APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: rpi 247/282
CURRENT APPLICATION NUMBER: US/09/274,553D
CURRENT FILING DATE: 1999-03-23
                                                                                                                                                                                APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, Jam
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
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PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
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ORGANISM: Artificial Sequence
FEATURE:
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Roberts, Beth
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SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 847
LENGTH: 15
                                                  NUMBER OF SEQ ID NOS:
SOFTWARE: Aeomica Seq.
SEQ_ID_NO_6402
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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ORGANISM: Artificial Sequence
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ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
                                                                                                           APPLICATION NUMBER: US 60/266,860 FILING DATE: 2001-02-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60/236,359
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No. US20020048800A1
L INFORMATION:
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CATION NUMBER: PCT/US01/00664
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6406
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PRIOR FILING DATE: 2000-05-26
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CURRENT FILING DATE: 2001-05-25
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APPLICATION NUMBER: US 60/234,687
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HANZEL, David
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RESULT 1738
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US-10-214-059-2/c
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US-10-213-878-2/c
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Publication No. US20030077768A1
GENERAL INFORMATION:
APPLICANT: Bramucci, Michael
APPLICANT: Nagarajan, Vasantha
APPLICANT: Thomas, Stuart
TITLE OF INVENTION: Use of Xylene Monooxygenase for the Oxidation of Substituted
TITLE OF INVENTION: Polycyclic Aromatic Compounds
FILE REFERENCE: CL1663 US NA
CURRENT APPLICATION NUMBER: US/10/214,059
CURRENT FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: 60/311,486
PRIOR APPLICATION NUMBER: 60/311,486
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Microsoft Office 97
SEQ ID NO 2
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                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%; Score 14; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
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SEQ ID NO 2
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APPLICANT: Magarajan, Vasantha
APPLICANT: Thomas, Stuart
TITLE OF INVENTION: Use of Xylene Monooxygenase for the Oxidation of Substituted
TITLE OF INVENTION: Monocyclic Aromatic Compounds
FILE REFERENCE: CLI662 US NA
CURRENT APPLICATION NUMBER: US/10/213,878
CURRENT FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: 60/311,490
PRIOR FILING DATE: 2001-08-10
NUMBER OF SEQ ID NOS: 22
COORDINATE: MICHOENFE CONTROL OF CONTRO
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NAME/KEY: misc_feature
OTHER INFORMATION: primer
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4971
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US-10-297-068-1058/c
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US-10-156-306-5901
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Publication No. US20030119017A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relatoration of Invention: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4971
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LENGTH: 17
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                                                                                                                                                                                                                                                                                                        Sequence 1058, Application US/10297068 Publication No. US20030228585A1
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Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relateration of Invention: Levels of IKK-Gamma and PKR FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILLING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
APPLICANT: NISHIDA, MICHIO
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
                                                                                                                                                            APPLICANT: KAGIYA, Taeko
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MORIYA, Shogo
                                                                                                                                                                                                          APPLICANT: INOKO, HI APPLICANT: KAGIYA, APPLICANT: ICHIHARA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Match 0.3%;
Local Similarity 100.0%;
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; Pred. No. 8.1e+02
0; Mismatches 0
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Pred. No. 8.1e+(
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RESULT 1742
US-10-138-674-894
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US-10-398-877-86
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-1058
                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                     Sequence 894, Application US/10138674 Publication No. US20040077565A1
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Best Local
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Matches 14; Conserv
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Best Local
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SEQ ID NO 1058
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
FURRENT FALLING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
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APPLICANT: Saito, Hirohisa
TITLE OF INVENTION: Method of Testing for Allergic Diseases
FILE REFERENCE: SHIMIZU-07906
CURRENT APPLICATION NUMBER: US/10/398,877
CURRENT FILING DATE: 2003-04-11
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NUMBER OF SEQ ID NOS: 105
SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: PCT/JF01/08574
PRIOR FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: JP 2000-314093
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APPLICANT: Hashida, Ry
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ilarity 100.0%;
Conservative (
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100.0%; Pred. No. 8.7
ive 0; Mismatches
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Pred. No.
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LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-894
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US-10-676-154-348
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                                                               APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHHB00-876-N (4704)049
FURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOPTWARE: PatentIn version 3.0
SEQ ID NO 894
                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                         Sequence 894, Application US/10287949A Publication No. US20040102389A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 348
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Local Similarity
Conserv
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SEQ ID NO 894
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local
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APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related
TITLE OF INVENTION: Genotyping and DNA Analysis
FILE REFERENCE: M0656/7045(HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/676,154
CURRENT FILING DATE: 2003-09-29
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                      APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
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APPLICANT: David Houseman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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14; Conservative
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o. US20040081996A1
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Pred. No. 8
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RANK, David R.

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RESULT 1746
US-10-723-361-6406
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CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
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US-10-723-361-6402
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6402
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Best Local Similarity
Matches 12; Conserv
                                                                                            GENERAL INFORMATION:
                                                                                                                 Sequence 6406, Application US/10723361 Publication No. US20040137589A1
                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local
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    APPLICANT:
APPLICANT:
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APPLICANT: JI, Yonggai
APPLICANT: PENN, Shar:
APPLICANT: HANZEL, Da
                                                                       APPLICANT: GU, Yizhong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2001-01-30 PRIOR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY
FILE REFERENCE: PB0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                              y match
Local Similarity 100.0%; Pred. No. 8.1e+02;
hes 14; Conservative n. Mismarch-
                                                                                                                                                                                                                                                                                                      3058 AGATCAAGCTGCAG 3071
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
                                                                                                                                                                                                                                                           AGATCAAGCTGCAG 17
JI, Yonggang
PENN, Sharron G.
HANZEL, David K.
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85.7%;
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Pred. No. 8.1e+02;
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APPLICANT: CHEN, WARK
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DA
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                APPLICANT: Jacquelin
APPLICANT: Alexander
APPLICANT: Timothy A
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                ADDRESSEE: WOODCOCK WASHBURN KURTZ
ADDRESSEE: MACKIEWICZ & NORRIS LLP
STREET: 1 LIBERTY PLACE 46TH FLOOR
                       STATE:
                                                        CITY: PHILADELPHIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3059 GATCAAGCTGCAGA 3072
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USA
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Timothy A. Vickers
                                                                                                                                                                                                                                                                                                                                                                                                                                               Cara Ohashi
Jacqueline R. Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Susan M. Freier
Henri M. Sasmor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  John McNeil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Brenda F. Baker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Jex M. Cowsert
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                                                                                                                                                                                                                                                   Identification of Genetic Targets for Modulation By Oligonucleotides and Generation of Oligonucleotides for Gene Modulation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1; 1
8.1e+02
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RESULT 1749
US-10-116-325-22/c
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                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: primer sequence US-09-985-335-23
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Sequence 22, Application US/10116325
Publication No. US20030113739A1
GENERAL INFORMATION:
APPLICANT: Cowsert, Lex M.
                                                                                                                                                                                                                                                                                                                                                                                    SOPTWARE: PatentIn version 3.2
SEQ ID NO 23
LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 23, Application US/09985335
Publication No. US20020164794A1
GENERAL INFORMATION:
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Best Local (
                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wernet, Peter
TITLE OF INVENTION: HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSC)
FILE REFERENCE: P6606SUS1
CURRENT APPLICATION NUMBER: US/09/985,335
CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: U.S. 60/245,168
PRIOR APPLICATION NUMBER: U.S. 60/245,168
PRIOR PILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 13-APR-1998
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2960
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WORD PERFECT 6.1
CURRENT APPLICATION DATA:
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Local Similarity 100.0%; Pred. No. 8.8e+02;
hes 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: 28-APR CLASSIFICATION: 435
                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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100.0%; Pred. No.
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red. No. 8.8e+02;
Mismatches 0;
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APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY CLICONUCLECTIDES AND
TITLE OF INVENTION: GENERATION OF OLIGONUCLECTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANIGM: Artificial Sequence
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SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                              ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-22
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Publication No. US20030228597A1
                                        Matches
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Best Local Similarity
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APPLICANT:
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APPLICANT:
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PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/081,483
PRIOR FILING DATE: 1998-04-13
NUMBER OF SEQ ID NOS: 112
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CURRENT APPLICATION NUMBER: US/10/116,325
CURRENT FILING DATE: 2002-04-04
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APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Identification Of Genetic Targets For Modulation By Oligonucleot
TITLE OF INVENTION: Generation Of Oligonucleotides For Gene Modulation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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 4230 CACAGAGTTCACTG 4243
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Freier, Susan M.
Sasmor, Henri M.
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Ohashi, Cara
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Ohashi, Cara
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Sasmor, Henri M.
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                                        Conservative
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                                                      0.3%; Score 14; DB 1; I
100.0%; Pred. No. 8.8e+02;
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k; Pred. No. 8.8
0; Mismatches
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hes 0;
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CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 5578

LENGTH: 18
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Best Local Similarity
Matches 14; Conserv
                                                                                 SOFTWARE: P
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TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 EXPRESSION
FILE REFERENCE: ISIS-5315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Bennett, C. Frank
APPLICANT: Cowsert, Lex M.
APPLICANT: Malik, Leila
                                                                                                                           PRIOR FILING DATE: 1998-04-13
NUMBER OF SEQ ID NOS: 248
                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 09/067,638
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: US 60/081,483
                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US03/31166
PRIOR FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 10/261,382
PRIOR FILING DATE: 2002-09-30
                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/698,689
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
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NAME/KEY: primer_bind
LOCATION: 1..18
FEATURE:
                TYPE: DNA ORGANISM: Artificial Sequence
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                                                               LENGTH: 18
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                                                                                                           PatentIn version 3.2
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Blumenfeld, mar
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0; Mismatches
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8.8e+02;
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APPLICANT: Siwkowski, Andrew
APPLICANT: Siwkowski, Andrew
APPLICANT: Eldrup, Anne B.
TILE REFERENCE: ISIS-5315
CURRENT APPLICATION: ANTISENSE MODULATION OF CD40 EXPRESSION
FILE REFERENCE: ISIS-5315
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: DCT/US03/31166
PRIOR FILING DATE: 2003-09-30
PRIOR FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 10/261,382
PRIOR APPLICATION NUMBER: US 09/067,638
PRIOR FILING DATE: 1908-04-28
PRIOR FILING DATE: 1998-04-28
PRIOR FILING DATE: 1998-04-13
PRIOR FILING DATE: 1998-04-13
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                                                                                                                                                                                                                                                         Sequence 22, Application US/10830475 Publication No. US20040197814A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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Best Local
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bennett, C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Synthetic Construct
NUMBER OF SEQUENCES: 112
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5. US20040186071A1
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                                             Jacqueline R. Wyatt
Alexander Borchers
Timothy A. Vickers
INVENTION: Identification of Genetic
Targets for Modulation By Oligonucleotides and
                                                                                                                                     Douglas G. Brooks
Cara Ohashi
                                                                                                                                                                                                          Brenda F. B
John McNeil
                                                                                                                                                                                      Susan M. Freier
                                                                                                                                                                         Henri M. Sasmor
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100.0%; Pr
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100.0%; Pred. No. 8.8e+02;
                Generation of Oligonucleotides Modulation
                                                                                                                                                                                                                          Baker
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8.8e+02;
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                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-181-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/067,638B
FILING DATE: 28-APR-1998
APPLICATION NUMBER: 60/081,483
FILING DATE: 13-APR-1998
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2960
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECATION INFORMATION:
TELECATION: (215) 568-3439
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 10, Application US/10086181
Publication No. US20020177151A1
GENERAL INFORMATION:
APPLICANT: GIMENO, Ruth
                                            Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: METHODS FOR THE TREATMENT OF METABOLIC TITLE OF INVENTION: DISORDERS, INCLUDING OBESITY AND DIABETES FILE REFERENCE: NON-220 CURRENT APPLICATION NUMBER: US/10/086,181 CURRENT FILING DATE: 2002-02-26 CURRENT FILING DATE: 2002-02-26
                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/271,655 PRIOR FILING DATE: 2001-02-26
                                                                                                                                                                                                           LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM
OPERATING SYSTEM: PC-Windows NT
OPERATING SYSTEM: PC-Windows NT
SOFTWARE: WORD PERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/830,475
FILING DATE: 21-Appr-2004
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
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ADDRESSEB: WOODCOCK WASHBURN KURTZ

MACKIEWICZ & NORRIS LLP

STREET: 1 LIBERTY PLACE 46TH FLOOR
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    2295 ACCTGGGAGGCAGA 2308
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                                            0.3%; Score 14; DB 1; L
ilarity 100.0%; Pred. No. 9.6e+02;
Conservative 0; Mismatches 0;
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100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0;
                                                 0; Indels
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                                                                                         Length 19;
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CURRENT APPLICATION NUMBER: US/09/774,809
CURRENT FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 09/36,902
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: 09/130,616
PRIOR APPLICATION NUMBER: 09/130,616
PRIOR FILING DATE: 1998-08-07
PRIOR PILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: 08/910,629
PRIOR APPLICATION NUMBER: 08/910,629
PRIOR FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 36
                                                                                                   ; OTHER INFORMATION: Synthetic Sequence US-09-774-809-36
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US-09-774-809-36
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APPLICANT: Kallabis, Harald
APPLICANT: Kallabis, Harald
APPLICANT: Kallabis, Harald
APPLICANT: Kallabis, Harald
APPLICANT: Nones, Marc
APPLICANTON: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSI
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA

FILE REFERENCE: LeA 36 108
CURRENT APPLICATION UNMBER: US/10/435,696
CURRENT APPLICATION NUMBER: EP03003112.4
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOPTWARE: Patentin version 3.1
SEQ ID NO 217
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Publication No. US20030004120A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: McKay, R
APPLICANT: Dean, N
APPLICANT: Monia,
APPLICANT: Nero, F
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Best Local Similarity
Matches 14; Conserv
Query Match 0.3%; Score 14; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1e+03; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: GAARDE, WILLIAM A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0412
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                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
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Nero, Pam
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APPLICANT: SUBAR M. Freier

APPLICANT: SUBAR M. Freier

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION

FILE REFERENCE: ISPH-0587

CURRENT APPLICATION NUMBER: US/09/915,814

CURRENT FILING DATE: 2001-07-26

NUMBER OF SEQ ID NOS: 230

SEQ ID NO 149

LENGTH: 20

TYPE: Numa
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; ORGANISM: Human
US-09-863-049A-13
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                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-09-915-814-149
                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 1759
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SEQ ID NO 13
LENGTH: 20
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                                  Query Match
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TITLE OF INVENTION: NFKAPPA B (NF-kB) Activation
FILE REFERENCE: HO-PO1961US1
CURRENT APPLICATION NUMBER: US/09/863,049A
CURRENT APPLICATION NUMBER: US/09/863,049A
CURRENT FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: US 60/206,223
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                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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               Local Similarity
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nes 14; Conserv
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D'Urso, Michele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nelson, David
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 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sue J.
               100.0%;
               0.3%; Score 14; DB 1; Length 20; 100.0%; Pred. No. 1e+03;
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 Mismatches
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1e+03;
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 0; Indels
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RESULT 1760
US-09-908-147-92
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                                                                                                                                                                    US-10-029-517-61/c
                                                                                                                                                                                            RESULT 1762
                                                                                                                                                                                                                                                                                                                                                                                                      ) OTHER INFORMATION: Antisense Oligonucleotide US-10-006-972A-14
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                                                                                                           Sequence 61, Application US/10029517
Publication No. US20030148969A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No.
                                                                                                                                                                                                                                                                                                                             Matches
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TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION
FILE REFERENCE: RTS-0335
CURRENT APPLICATION NUMBER: US/10/006,972A
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 94
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan J. Myers
APPLICANT: Susan J. Myers
TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
FILE REFERENCE: RTS-0352
CURRENT APPLICATION NUMBER: US/10/029,517
CURRENT FILING DATE: 2001-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
APPLICANT: Andrew T. Watt
TITLE OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
FILE REFERENCE: RTS-0185
CURRENT APPLICATION NUMBER: US/09/908,147
CURRENT FILING DATE: 2001-07-17
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TYPE: DNA
ORGANISM: Artificial Sequence
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100.0%; Pred. No. 1e+03;
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; Pred. No. 1e+03;
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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
FIILE OF INVENTION: Biallelic markers for use in constructing a high der
FILE REFERENCE: GENSET.020CF1
CURRENT FILING DATE: 2003-01-21
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
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APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK2 EXPRESSION
FILE REFERENCE: RTSP-0345
CURRENT APPLICATION NUMBER: US/10/181,856
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: PCT/US01/01361
PRIOR APPLICATION NUMBER: D0/488,744
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2000-01-20
UMMBER OF SEQ ID NOS: 88
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Matches
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Matches
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Publication No. US20040005584A1
GENERAL INFORMATION:
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APPLICANT: William (
APPLICANT: Donna T.
APPLICANT: Susan M.
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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14; Conserv
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US-10-289-762-6743/c; Sequence 6743, Application US/10289762; Publication No. US20040006218A1
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SEQ ID NO 6546
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-6546
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                                                                           ; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6743
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APPLICANT: Griffals, R.
APPLICANT: INTERION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev. TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
                                                                                                                             NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6743
LENGTH: 20
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       Query Match
Best Local Similarity
Matches 14; Conserv
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Publication No. US20040006218A1
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevTITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27
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NUMBER OF SEQ ID NO
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LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-3373 for
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TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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Local Similarity 100.0%;
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       Conservative
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0.3%; Sur
100.0%; Pr
                       Score 14; pred. No.
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Pred. No.
         Mismatches
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                       DB 1;
1e+03;
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1e+03;
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                                          Length 20;
         Indels
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CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/774,809
PRIOR APPLICATION NUMBER: US 09/396,902
PRIOR APPLICATION NUMBER: US 09/396,902
PRIOR APPLICATION NUMBER: US 09/287,796
PRIOR FILING DATE: 1999-04-07
PRIOR PRIOR APPLICATION NUMBER: US 09/130,616
PRIOR APPLICATION NUMBER: US 09/130,616
PRIOR APPLICATION NUMBER: US 09/130,629
PRIOR APPLICATION NUMBER: US 08/910,629
PRIOR APPLICATION NUMBER: US 08/910,629
PRIOR APPLICATION NUMBER: US 08/910,629
PRIOR PILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 36
LENGTH: 20
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; ORGANISM: Oryza minuta
US-10-352-179-31
                                                                                                                         ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-36
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SEQ ID NO 31
LENGTH: 20
                                          Matches 14;
                                                                                 Query Match
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Matches 14; Conserv
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                                                               Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULE
TITLE OF INVENTION: OF JNK PROTEINS
FILE REFERENCE: ISPH-0726
CURRENT APPLICATION NUMBER: US/10/345,444B
CURRENT FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -10-345-444B-36
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CURRENT APPLICATION NUMBER: US/10/352,179
CURRENT FILING DATE: 2003-01-27
PRIOR APPLICATION NUMBER: 60/352,106
PRIOR FILING DATE: 2002-01-25
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APPLICANT: Liu, Guifu
TITLE OF INVENTION: Procedures and Materials for Conferring Disease Resistance in
FILE REFERENCE: 22727/04108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: McKay, Robert A. APPLICANT: Dean, Nicholas M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 97
                                                                                                                                                                                                            TYPE: DNA
1880 TGAGAAGGAGTGGC 1893
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Nero, Pam
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                                          Conservative
                                                             0.3%; Score 14; DB 1;
100.0%; Pred. No. 1e+03;
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                                          Mismatches
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                                          0; Indels
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US-10-728-509-92
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SEQ ID NO 79
LENGTH: 20
TYPE: DNA
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SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORCANTON
                                                           GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T.
                                                                                                                       Sequence 92, Application US/10728509 Publication No. US20040077583A1
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Best Local Similarity 100.0%; F
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 79, Application US/10273826 Publication No. US20040077083A1
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APPLICANT: Keith Glaser
TITLE OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RTS-0264
CURRENT APPLICATION NUMBER: US/10/274,347
CURRENT FILING DATE: 2002-10-17
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CURRENT APPLICATION NUMBER: US/10/273,826
CURRENT FILING DATE: 2002-10-17
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION FILE REFERENCE: RTS-0185
CURRENT APPLICATION NUMBER: US/10/728,509
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APPLICANT: Steven Davidsen
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No. US20040077084A1
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RESULT 1773
US-10-315-765-102/c
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US-10-315-765-42
                                                   US-10-315-765-102
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PRIOR FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 92
LENCTH: 20
TYPES
                                                                                                                                                                                                                                 Sequence 102, Application US/10315765
Publication No. US20040110140A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 128
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
                                                                                                  NUMBER OF SEQ ID NOS: 128
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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Query Match
Best Local Similarity
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                                                                                                                                                                 FILE REFERENCE: PTS-0020
CURRENT APPLICATION NUMBER: US/10/315,765
CURRENT FILING DATE: 2002-12-09
                                                                                                                                                                                                               APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
FILE REFERENCE: PTS-0020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/315,765
CURRENT FILING DATE: 2002-12-09
                                                                            ORGANISM: H. sapiens
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0; Mismatches
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; Pred. No. 1e+03;
 Score 14;
Pred. No.
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 DB 1;
1e+03;
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RESULT 1776
US-10-656-269-47
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US-10-317-500-123/c
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US-10-317-500-239
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
FILE REFERENCE: RTS-0380
CURRENT ELIUNG DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 276
SEQ ID NO 123
SEQ ID NO 123
                                                                  Sequence 47, Application US/10656269 Publication No. US20040152105A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 123, Application US/10317500 Publication No. US20040115637A1 GENERAL INFORMATION:
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LENGTH: 20
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Best Local Similarity 100.0%;
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Best Local
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APPLICANT: Bachmann, Martin
APPLICANT: Vogt, Lorenz
TITLE OF INVENTION: Immune Modulatory Compounds
FILE REFERENCE: 1700.0390002
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
FILE REFERENCE: RTS-0380
CURRENT APPLICATION NUMBER: US/10/317,500
CURRENT FILING DATE: 2002-12-11
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NUMBER OF SEQ ID NOS: 276
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ORGANISM: M. musculus
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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b. US20040115637A1
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RESULT 1778
US-09-782-837-42/c
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Best Local Similarity
Watches 14; Conserva
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                                Sequence 42, Application US/09782837 Patent No. US20020127714A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.2
SEQ ID NO 47
LENGTH: 20
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PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
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CURRENT FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: 60/408,233
PRIOR FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: 60/449,583
PRIOR FILING DATE: 2003-02-26
NUMBER OF SEQ ID NOS: 50
APPLICANT: HOUSMAN, DAVID E. APPLICANT: LEDLEY, FRED D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: McKay, Robert
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/641,455A CURRENT FILING DATE: 2003-08-15
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                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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                                                                                                                                                                    4 GGGCTTCCAGAAGA 17
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Nero, Pamela S.
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                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                               100.0%;
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100.0%; Pred. No. 1e+03;
                                                                                                                                                                                                                                                           0.3%; Score 14;
100.0%; Pred. No.
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GENERAL INFORMATION:

APPLICANT: Liang, Zicai
APPLICANT: Liang, Pong-Yan
APPLICANT: Wahlestedt, Claes
TITLE OF INVENTION: Methods and Means of RNA Analysis
FILE REFERENCE: 13522-03001
CURRENT APPLICATION UMMBER: US/09/961,700A
CURRENT FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: 60/235,029
PRIOR FILING DATE: 2001-09-25
NUMBER OF SEQ ID NOS: 71
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSEQ for Windows Version 4.0
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RESULT 1780
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US-09-961-700A-10
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US-09-961-700A-10/c
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TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE TITLE OF INVENTION: PRODUCTS THAT MEDIATE OF INTENTION: CHANGES
FILE REFERENCE: 233/055
CURRENT APPLICATION NUMBER: US/09/782,837
CURRENT FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 09/045,054
PRIOR FILING DATE: 1998-03-19
NUMBER OF SEQ ID NOS: 44
NUMBER OF SEQ ID NOS: 44
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Matches
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SEQ ID NO 42
LENGTH: 21
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LENGTH: 21
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                                                                                                                                                                       Query Match
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Best Local Similarity 87.5%;
                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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                                                                                                                                   Local Similarity
les 14; Conserv
                                                                                             4644 CCTTAAGGAGCTGA 4657
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                                                          17 CCTTAAGGAGCTGA 4
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                                                                                                                                   100.0%; F
                                                                                                                                                                         0.3%;
                                                                                                                                 Score 14; DB 1; ; Pred. No. 1.1e+03 0; Mismatches 0
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Pred. No.
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TO ENVIRONMENTAL
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US-10-258-423-16

Sequence 16, Application US/10258423

Publication No. US20030211968A1

Publication No. US20030211968A1

GENERAL INFORMATION:

APPLICANT: Merck & Co., Inc.

APPLICANT: Merck & Co., Inc.

APPLICANT: University of Virginia

TITLE OF INVENTION: NEW NEUROMEDIN U RECEPTOR NMUR2 AND

TITLE OF INVENTION: NUCLEOTIDES ENCODING IT

FILE REFERENCE: 20658P
CURRENT APPLICATION NUMBER: US/10/258,423
CURRENT FILING DATE: 2002-10-24

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                                                                                                                                                                                                                                                                             RESULT 1782
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Matches
                                                                                                                                                                                             Sequence 10682, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
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SEQ ID NO 16
LENGTH: 21
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Best Local Similarity
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            APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: GB 0128161.7 PRIOR FILING DATE: 2001-11-23
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CURRENT FILING DATE: 2002-11-21
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APPLICANT: De Camargo, Luiz M Q.
TITLE OF INVENTION: HUMAN VANILLOID RECEPTOR
TITLE OF INVENTION: POLYNUCLEOTIDE SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
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PRIOR FILING DATE: 2000-04-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Oligonucleotide primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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NAME/KEY: misc_feature
LOCATION: (1)...(21)
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Pred. No.
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Pred. No. 1.1e+03;
2; Mismatches 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 1784
US-10-735-577-14/c
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; ORGANISM: Homo sapiens
US-10-648-593-435
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LENGTH: 21
                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 Sequence 14, Application US/10735577 Publication No. US20040142897A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 14;
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CURRENT APPLICATION NUMBER: US/10/648,593
CURRENT FILING DATE: 2003-08-26
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                                  PRIOR APPLICATION NUMBER: US 60/433,140
PRIOR FILING DATE: 2002-12-13
NUMBER OF SEQ ID NOS: 160
                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/735,577
CURRENT FILING DATE: 2003-12-12
                                                                                                                                                                                                                 APPLICANT: Waisman, David M.
TITLE OF INVENTION: Compositions and Methods for Inhibiting
FILE REFERENCE: ME03-009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 557
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bristol-Myers Squibb Company
TITLE OP INVENTION: IDENTIFICATION AND/OR MODULATE PROTEIN TYROSINE KINASES
TITLE OP INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES
TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/406,385 PRIOR FILING DATE: 2002-08-27
SOFTWARE: Microsoft Word
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TYPE: DNA
ORGANISM: Homo Sapiens
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NAME/KEY: primer_bind
LOCATION: 1..21
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OTHER INFORMATION: downstream amplification primer 99-19155
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100.0%; Pred. No.
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Pred. No.
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APPLICATION NUMBER: US 60/109,732
DATE: 1998-11-23
APPLICATION NUMBER: US 60/082,614
DATE: 1998-04-21
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hes 0;
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SEQ ID NO 14 LENGTH: 21 TYPE: DNA

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RESULT 1787
US-09-910-183A-36
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                                                                                                                                                                                                                                                                                        APPLICANT: Wyeth
APPLICANT: O'TOOle, Margot
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 4550
LENGTH: 21
                                                                                                                                                                          Query Match 0.3%;
Best Local Similarity 71.4%;
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Best Local Similarity
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SEQ ID NO 15
LENGTH: 21
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                                                                                                                                                                                                                                       ORGANISM: RNAi-sense strand
-10-786-720-4550
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TITLE OF INVENTION: Compositions and Methods for Inhibiting Tumor Growth and Metastar

FILE REFERENCE: ME03-009

CURRENT APPLICATION NUMBER: US/10/735,577

CURRENT FILING DATE: 2003-12-12

CURRENT FILING DATE: 2003-12-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/433,140 PRIOR FILING DATE: 2002-12-13
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ilarity 100.0%;
Conservative (
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100.0%; Pred. No.
tive 0; Mismatcl
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                                                                                                                                                                            Score 14; DB 1;
Pred. No. 1.1e+03;
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US-10-349-143-8508
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APPLICATION NUMBER: US/09/107,029
FILING DATE: <UNKNOWN APPLICATION NUMBER: GB 9713597.4
FILING DATE: 28-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Gill P.
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity Matches 20; Conserv
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             APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2794 AGAGTCAGGAAGGAAAATGAAGAAGGAA 2823
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/910,183A FILING DATE: 20-Jul-2001 CLASSIFICATION: <unknown>
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COUNTRY: United Kingdom
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
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Pred. No. 1.6e+03;
0; Mismatches 10
APPLICATION NUMBER: US 60/082,614
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US-09-825-574-8
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US-09-825-574-8/c
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Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8508
Query Match
Best Local Similarity
                                                                                                                                                                                    TELEFAX: (415) 397-833
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in complem
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LOCATION: 1..19
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ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC-DOSAMS-DOS
COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: «Unknown»
APPLICATION NUMBER: 08/934,097
FILING DATE: «Unknown»
APPLICATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1196 ATCCCTGGAGTCTCTGC 1212
                                                                                TOPOLOGY: linear TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA" SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Neri, Bruce P.
TITLE OF INVENTION: Bruce Probing With Structure-Bridging Oligonucleotides.
                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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Score 13.8; DB 1;
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Search completed: October 28, 2004, 10:44:44
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                                                                                                                                                                   ; OTHER INFORMATION: Synthetic US-09-882-945A-8
                                                                                                                                                                                                                                   ; APPLICANT: Vener, Tatiana; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites; FILE REFERENCE: FORS-04586; CURRENT APPLICATION NUMBER: US/09/882,945A; CURRENT FILING DATE: 2001-06-15; NUMBER OF SEQ ID NOS: 334; SOFTWARE: PatentIn version 3.0 SEQ ID NO 8 LENGTH: 20
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US-09-882-945A-8/c
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Best Local Similarity 88.2
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                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                              Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0203 row: M column: 14

Seq primer: CACACAGGAAACAGCTATGACC
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41 bp DNA linear GSS 03-OCT-200
1M0203M14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0203M14 R, genomic survey sequence.
                                                                                                                                University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
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Contact: Robert B.
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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40 bp DNA linear GSS 2:
1M0052E18F Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0052E18 F, genomic survey sequence.
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                                                                                                                                                                                                      Seq primer: CGTTGTAAAACGACGGCCAGTClass: plasmid ends
                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0052 row: E column: 18
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                         USA
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                     organism="Mus musculus"
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/clone="UUGC1M0203M14"
                                                                                                                                                 ocation/Qualifiers
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BJ001599.1 GI:17364490
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Oryzias latipes (Japanese medaka)
Oryzias latipes
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                                                                                                                                                                                                                                                                                                                                                               Center For Genetic Resource Information National Institute of Genetics 1111 Yata, Mishima, Shizuoka 411-8540, Japan Tel: 81-559-81-6856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kohara,Y., Shin-i,T., Kimura,T., N. Medaka EST Project in Takeda's lab Unpublished (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei Acanthomorpha; Acanthopterygii; Percomorpha; Atherinomorpha; Beloniformes; Adrianichthyidae; Oryzinae; Oryzias.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Tadasu Shin-i
                                                                                                                                                                                                                                                                                                                     Email: tshini@genes.nig.ac.jp
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                                                                                   clone_lib="MF01SSA cDNA"
                                                                                                       tissue_type="whole embryo"
dev_stage="segmentation st
                                                                                                                                                clone="MF018SA009H08"

sex="mixture of female and male"
                                                                                                                                                                                                              mol_type="mRNA"
|strain="Hd-rR"
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/sex="Male"
                                                                                                                                                                                            db_xref="taxon:8090"
                                                                                                                                                                                                                                                       organism="Oryzias latipes"
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AZ479185 AZ479185.1

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AZ479185 38 bp DNA linear GSS 04-OCT-20 1M0299J11R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0299J11 R, genomic survey sequence.

GSS 04-OCT-2000

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REFERENCE
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Sallaud,C., Gay,C., Larmande,P., Bes,M., Piffanelli,P., Piegu,B.,
Droc,G., Regad,F., Bourgeois,E., Meynard,D., Perin,C.,
Ghesquiere,A., Delseny,M., Glaszmann,J.C. and Guiderdoni,E.
High throughput T-DNA insertion mutagenesis in rice: A first step
towards in silico reverse genetics
Plant J. (2004) In press
Contact: Guiderdoni
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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TDNA tagged.
                                                                                                                                                                                                                                                                                                                                                                                                                 /note="PCR was performed on DNA of primary transformants of Orysa sativa plants. The DNA fragment(s) resulting of PCR were directly sequenced from the left border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display is available from june 2004 at http://genoplante-info.infobiogen.fr/oryzatagline/. This sequence has been generated in the framework of the proph plant respice provided the prophen plant respice provided the provided the provided the plant respice provided the plant respice provided the provided the provided the plant respice provided the plant respice provided the plant respice provided the plant respice provided the provided the plant respice plant respice provided the plant respice plant respice plant respice plant respice plant respice plant re
                                                                                                                                                                                                                                                                                                               http://genoplante-info.infobiogen.fr)."
                                                                                                                                                                                                                                                                                                                                                French plant genomics program Genoplante (http://www.genoplante.org and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone lib="Flanking Sequence Tag of Oryza sativa T-DNA insertion lines"
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                                                                             AZ333216
38 bp DNA linear GSS 29-SEP-20010062N12F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0062N12 F, genomic survey sequence.
                      AZ333216.1
GSS.
                                                               AZ333216
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Insert Length: 10000 Std Error: 0.00
Plate: 0299 row: J column: 11
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Mammalia; Eutheria; Rodentia;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
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  musculus (house mouse)
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801 585 7177
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/strain="C57BL/6J"
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                                             GI:10397615
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                                                                                                                                                                                                                                                                                                                                                                     32;
                                                                                                        AJ802263 Antirrhinum majus whole plant Antirrhinum majus cDNA clone 018_5_03_j12, mRNA sequence.
AJ802263
Antirrhinum majus (snapdragon)
Antirrhinum majus
                                                                                                                                                                                                                                                                                                                                     84112,
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Insert Length: 10000 Std Erro
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indicating Corporation (make) was obtained thom the odorson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNH42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Matches 33
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Expressed genes in Ciona
Unpublished (2000)
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AV957667 Nori Satoh unpublished cDNA library, egg Ciona intestinalis cDNA clone cieg18004 5', mRNA sequence.
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Zachgo, S., Stueber, K., Saec
Antirrhinum EST collection
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                Kyoto University
Sakyo-ku, Kyoto, Kyoto 606-8502,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ciona intestinalis
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Carl-von-Linne Weg 10, D-50829,
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Nori Satoh
Department of Zoology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona; Phlebobranchia; Cionidae; Ciona.

1 (bases 1 to 42)
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                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                    satoh@ascidian.zool.kyoto-u.ac.jp.
                                                                                                                                                                       /clone="cieg18004"
/tissue_type="whole animal"
/dev stage="egg"
/clone_lib="Nori Satoh unpublished cDNA library,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone="018_5_03_j12"
/tissue_type="whole plant"
/clone_lib="Antirrhinum majus whole plant"
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/mol_type="mRNA"
/db_xref="taxon:4151"
                                                                                                                                                                                                                                                       organism="Ciona intestinalis"
|mol_type="mRNA"
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                                                                                                                              Score 28.2;
Pred. No. 15;
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Generation and analysis of 280,000 human Genome Res. 6 (9), 807-828 (1996)

expressed sequence tags

and Marra,M.

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Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chiapee, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Kucaba, T., Le, M., Le, N., Le, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
                                                                                                                                                                                                                                                                                                                                       T54684 42 bp mRNA linear EST 06-FEB-199 yb41a05.r1 Stratagene fetal spleen (#937205) Homo sapiens cDNA clone IMAGE:73712 5' similar to contains MER35 repetitive element,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hordeum vulgare subsp. vulgare
Hordeum vulgare subsp. vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Lillopsida; Poales; Poaceae;
Pooideae; Triticeae; Hordeum.
                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 42)
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                                                                                                                                                                                                         Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: kazsato@rib.okayama-u.ac.jp,
URL:http://www.rib.okayama-u.ac.jp/barley/
Sato,K., Saisho,D., Takeda,K., Shini,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Okayama University, Barley Germplasm Center
Chuo 2-20-1, Kurashiki, Okayama 710-0046, Ja
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Kazuhiro Sato
Research Institute for Bioresources
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/clone_lib="K. Sato unpublished cDNA library: Hordeum
vulgare subsp. vulgare shoots germination"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Hordeum vulgare
/mol_type="mRNA"
/cultivar="Haruna Nijo"
/sub_species="vulgare"
                                                                                                                                                                                                                                                                           GI:656545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tissue_type="shoots"
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Pred. No. 16;
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AZ329877/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus

1 (bases 1 to 32)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ329877 32 bp DNA linear GSS 29-SEP-20
1M0054L07R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
cione UUGCIM0054L07 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ329877.1 GI:10391030
GSS.
Mus musculus (house mouse)
                                                                                                 Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0054 row: L column: 07
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                          University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                       Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                    Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Washington University School of Medicine
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801 585 7177
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                                                            quality sequence stop: 32
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                                                                             plasmid ends
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/clone_lib="Stratagene fetal spleen (#937205)"
/note="Organ: spleen; Vector: pBluescript SK: Site_1:
EcoRI; Site_2: XhoI; Cloned unidirectionally. Primer:
Oligo dT. Pooled spleens. Average insert size: 1.0 kb;
Uni-ZAP XR Vector; ~5' adaptor sequence: 5' GAATTCGGCACGAG
3' ~3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTTTT 3'"
                                                                                                                                                                                                                                                        Biomedical
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/tissue_type="fetal spleen"
/cv_stage="fetal"
/organism="Mus musculus"
                                        Location/Qualifiers
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|xref="GDB:495377"
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                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0054 row: L column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                     Class: plasmid ends
High quality sequence stop: 32.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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10054L07F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0054L07 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                       University of Utah
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                      plasmid inserts
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                   308,
                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                 Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pw042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic
/strain="C57BL/6J"
/organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                aboratory Mouse DNA Resource
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/clone="UUGC1M0054L07"
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Best Local 9
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                                                                                                                                                                                                                                                                                               Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike Grever,
M.D., Louis M. Staudt, M.D., Ph.D.

cDNA Library Preparation: M. Bento Soares, Ph.D.

cDNA Library Preparation: Grey Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NCI-CGAP clone distribution information can be

found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 40)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

NCI-CGAP longer Institute, Cancer Genome Anatomy Project (CGAP);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;, mRNA sequence.
AI073810
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                                                                                                                                                      Trace considered overall poor quality Seq primer: -40ml3 fwd. ET from Amersham High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AI073810.1 GI:3400454
                                                                                                                                                                                                                                                                                  www-bio.llnl.gov/bbrp/image/image.html
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gene Index
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PW927nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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/db_xref="taxon:10090"
                                                                                                                            ocation/Qualifiers
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Pred. No. 11;
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RESULT 13

ACCESSION VERSION

KEYWORDS

JOURNAL COMMENT

FEATURES

Query Match

Score 27.2;

DB 1;

Length 40;

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CL517723
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Sallaud,C., Gay,C., Larmande,P., Bes,M., Piffanelli,P., Piegu,B., Droc,G., Regad,F., Bourgeois,E., Meynard,D., Perin,C., Ghesquiere,A., Delseny,M., Glaszmann,J.C. and Guiderdoni,E. High throughput T-DNA insertion mutagenesis in rice: A first step towards in silico reverse genetics
Plant J. (2004) In press
Contact: Guiderdoni
UMR PIA Biotrop program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatcophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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40 bp DNA linear GSS 02-APR DAC9C03 Flanking Sequence Tag of Oryza sativa T-DNA insertion Oryza sativa (japonica cultivar-group) genomic, genomic survey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TA 40/03 ave Agropolis 34398 Montpellier cedex 5 FRANCE Tel: 33467615629 Fax: 33467615605
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CL517723.1 GI:46144521
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TDNA tagged
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           emmanuel.guiderdoni@cirad.fr
                                                                     insertion lines" insertion on DNA of primary transformants of Orysa sativa plants. The DNA fragment(s) resulting of Orysa sativa plants. The DNA fragment(s) resulting of PCR were directly sequenced from the left border to determine the genomic sequence flanking the insertion.

T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display is available from june 2004 at http://genoplante-info.infobiogen.fr/oryzatagline/. This sequence has been generated in the framework of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       T 3']; double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library is normalized, and was constructed by Bento Soares and M.Fatima Bonaldo."
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                                                  French plant genomics program Genoplante
                                                                                                                                                                                                                                                                                                                                                                             /organism="Oryza sativa (japonica cultivar-group)
/mal_type="genomic DNA"
/cultivar="Nipponbare"
/db_xref="taxon:39947"
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/lab_host="DH10B"
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Best Local Similarity
Matches 32; Conserv
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AV672637 Nori Satoh
cDNA clone citb5124
                                                                                                    Satoh,N., Satou,Y., Kohara,Y. and Shin-i,T. Expressed genes in Ciona intestinalis Unpublished (2000)
                                                                                                                                                Ciona intestinalis
Eukaryota; Metazoa; Chordata; Urochordata;
Phlebobranchia; Cionidae; Ciona.
1 (bases 1 to 39)
                                                                                                                                                                                                                                                                     AV673727 Nori Satoh unpublished cDNA library Ciona CDNA clone citb1510 5', mRNA sequence.
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AV672637.1 GI:10110636
EST.
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                                            Kyoto University
Sakyo-ku, Kyoto, Kyoto 606-8502,
                                                                                                                                                                                                                                            AV673727
AV673727.1
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              Tel: 81-75-753-4081
Fax: 81-75-705-1113
                                                                      Contact: Nori Satoh
Department of Zoology
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Location/Qualifiers
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Department of Zoology
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Phlebobranchia; Cionidae; Ciona.
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satoh@ascidian.zool.kyoto-u.ac.jp.
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/dev_stage="tailbud"
/clone_lib="Nori Satoh unpul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Ciona intestinalis"
/mol_type="mRNA"
/db_xref="taxon:7719"
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RESULT 17
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y. Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HDA1--02-F07.gl OsHDAC1-overexpressing transgenic rice lambda phage cDNA library I (HDA1) Oryza sativa (japonica cultivar-group) cDNA clone HDA1--02-F07, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
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CTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 39
                                                                      Conservative
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/note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2: XhoI; Callus was treated with ABA(20um) for lhour. cDNA was inserted into lambda Uni-ZAP XR vector at 5' end with EcoRI and 3' end with XhoI site. mRNA was derived from rice Histone Deacetylase overexpression line."
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/mol type="mRNA"
/db xref="texon:7719"
/clone="citb1510"
                                                                                                                                                                                                                                                                   /tissue_type="callus"
/dev_stage="proliferated callus on
/lab_host="E_coli_SOLR"
/lab_host="E_coli_SOLR"
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/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
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/dev_stage="tailbud"
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                                                                                       Score 26.8;
Pred. No. 22;
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RESULT 18

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REFERENCE
AUTHORS
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SOURCE
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AUTHORS
TITLE
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SOURCE
ORGANISM
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AV673465 Nori Satoh unpublished cDNA library Ciona intestinalis
cDNA clone citb8o10 5', mRNA sequence.
AV673465
AV673465.1 GI:10111464
                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0082 row: C column: 01
Seq primer: CGTTGThAAACGACGGCCAGT
                                                                                                                                                                  Contact: Robert B. University of Utah University of Utah
                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 37)
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AZ346663.1 GI:10425900
GSS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ346663 37 bp DNA linear GSS 29 1M0082C01F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC1M0082C01 F, genomic survey sequence.
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1. (bases 1 to 37)
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Mus musculus
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Department of Zoology
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Class: plasmid ends
                                                                                                                                                                                                                                                             Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: satoh@ascidian.zool.kyoto-u.ac.jp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 81-75-753-4081
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
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/mol_type="mRNA"
/db_xref="taxon:7719"
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/dev_stage≈"tailbud"
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                                                                                                                                                                                                                                                                                   plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 37)
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Location/Qualifiers
                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0510 row: K column: 10
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                    University of Utah Genome Center University of Utah
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High quality sequence stop: 37
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                        .ass: plasmid ends
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AZ946744 38 bp DNA linear GSS 27-APR-201200208J12R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0208J12 R, genomic survey sequence.
                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: C
Plate: 0208 row: J column: 12
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                      University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                            Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                     Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 38)
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quality sequence stop: 38.
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801 585 7177
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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strain="C57BL/6J"
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AUTHORS
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source
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39 bp DNA linear was averse averse and 143807R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0143B07 R, genomic survey sequence.
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                  High quality sequence stop: 39
Location/Qualifiers
                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0143 row: B column: 07
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                        Class: plasmid ends
                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. coli strain XL10-Gold, T1-resistant,
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GI:13014388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                83.3%;
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Pred. No. 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Purified genomic DNA from M.
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                               source
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                                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                          Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends High quality sequence stop: 39.
                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0269 row: N column: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus
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801 585 7177
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/organism≃"Mus musculus"
                                                Location/Qualifiers
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/strain="C57BL/6J"
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Pred. No. 2
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UUGC2M library Mus musculus genomic
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RESULT 23

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**AUTHORS** 

KEYWORDS VERSION ACCESSION

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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 39)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Spermattoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABF1--02-M05.gl ABF3-overexpressing transgenic rice lambda phage cDNA library (ABF1) Oryza sativa (japonica cultivar-group) cDNA clone ABF1--02-M05, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 TCTCTCTCTTCTCTCTCTCTCTCTCTCTCTCTCTC
                                                                                                                                                                                                                                                                       Email: bhnahm@ggbio.com, bhn:
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                         Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF303617.1 GI:33675378
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                                                                                                      /organism="Oryza sativa (japonica cultivar-group)"
|mol type="mRNA"
|cultivar="Nackdong"
|db xref="taxon:39947"
|/clone="ABF1--02-M05"
/tissue_type="leaf"
/dav_stage="14 days after germination"
/dav_stage="14 days after germination"
/clone_lib="ABF3-overexpressing transgenic rice lambda
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/clone="UUGC2M0269N24"
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/strain="C57BL/6J"
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Pred. No. 22
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Best Local Similarity
Matches 31; Conserv
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, Whole genome scaffolding with paired end reads from 10kb Mouse, Whole genome scaffolding with paired end reads from 10kb
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AZ966687.1 GI:13837914
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Email: 10000 Std Error:
Plate: 0237 row: L column: 17
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       High quality sequence stop: 34.
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                                                                     /lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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//note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2:
//note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2:
XhoI; Leaf was dried for 2hrs. cDNA was inserted into
XhoI; Leaf was dried for 2hrs. cDNA was inserted into
lamda Uni-ZAP XR vector at 5' end with EcoRI and 3' end
with XhoI site. mRNA was prepared from ABA-responsive
element binding transcription factor 3 overexpression
10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                        clone="UUGC2M0237L17"
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Pred. No. 23;
0; Mismatches
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Query Match inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0.5%;

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ORGANISM
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AZ664037
LOCUS
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KEYWORDS
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0544 row: E column: 05
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 36.
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36 bp DNA linear GSS 14-DEC-200
1M0544E05F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0544E05 F, genomic survey sequence.
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.05 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732141gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                           clone="UUGC1M0544E05"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                    sex="Male"
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               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 39)
                                                                                               AZ846058 GI:13015966 GSS.
                                                                                                                                          2M0146B07F Mouse 10kb plasmid clone UUGC2M0146B07 F, genomi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Urushihara,H., Morio,T., Saito,T., Kohara,Y., Koriki,E., Ochiai,H., Maeda,M., Williams,J.G., Takeuchi,I. and Tanaka,Y.
Analyses of cDNAs from growth and slug stages of Dictyostelium
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 Dunn, D.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Nucleic Acids Res. 32 (5), 1647-1653 (2004)
Contact: Hideko Urushihara
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sequence.
AU265743
AU265743.1 GI:20524541
                                                                 Mus musculus
                                                                                 Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 81-298-53-4664
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University of Tsukuba
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AU265743 VS Dictyostelium
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1 (bases 1 to 39)
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                                                                                musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    hideko@biol.tsukuba.ac.jp.
 Aoyagi, A.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                       /dev_stage="vegetative"
/clone_lib="VS"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Dictyostelium
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/clone="VSF759"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 33)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
                                                                                                                    Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0146 row: B column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Ress
                                                                                                                                                                                                                                    1M0427P12R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0427P12 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                          AZ606035
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                plasmid inserts
Unpublished (2000)
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Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhaugern,A. and Wright,D., Weiss,R.
                                                                                                                                                                                             AZ606035.1 GI:11728225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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AZ759124 AZ759124 GI:12865608
GSS.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
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Insert Length: 10000 Std Erro
Plate: 0427 row: P column: 12
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                                                                                             Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
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/strain="C57BL/6J"
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Insert Length: 10000 Std Erro
Plate: 0551 row: N column: 2
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Unpublished (2000)
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Mouse whole genome scaffolding with paired end reads from 10kb
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Fax: 801 585 7177
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                                                                                                               Similarity
                                                                                                                                                                      was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                       Conservative
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0551N24"
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REFERENCE AUTHORS RESULT 31 AZ869302 SOURCE ORGANISM KEYWORDS DEFINITION Pocas ACCESSION Mammalia; Eutheria; Rodentia; 1 (bases 1 to 33) Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus Mus musculus 2M0181C20F Mouse 10kb plasmid clone UUGC2M0181C20 F, genomic Mus musculus (house mouse) AZ869302.1 AZ869302 GI:13073480 genomic survey sequence UUGC1M library Mus musculus genomic DNA Mus.

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

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SOURCE
ORGANISM
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                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. (bases 1 to 33)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                    AZ876021 33 bp DNA line 2M0190C23R Mouse 10kb plasmid UUGC1M library Mu clone UUGC2M0190C23 R, genomic survey sequence.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                   AZ876021
AZ876021.1 GI:13086595
GSS.
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Location/Qualifiers
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Fax: 801 585 7177.
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
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                                                                                                                                                                                                                           musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor Oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMPA2 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complements, to the incert adaptors and
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strain="C57BL/6J"
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Best Local
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. Mouse whole genome scaffolding with paired end reads from Mouse whole genome scaffolding with paired end
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0190 row: C column: 23
Plate: 0190 row: C column: 23
Seg primer: CACACAGGAAACAGCTATGACC
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Unpublished (2000)
Contact: Robert B.
                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus (bases 1 to 33)
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High quality sequence stop: 33.
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/clone_lib="Mouse 10kb_plasmid_UUGC1M_library"
/note="Vector: PWD42nv; Purified_genomic_DNA_from|
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/strain="C57BL/6J"
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                                                                                                                 Satoh, N., Satou, Y., Kohara, Y. and Shin-i, T. Expressed genes in Ciona intestinalis Unpublished (2000)
Contact: Nori Satoh
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Insert Length: 10000 Std Error: 0.00
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
                                        Department of Zoology Kyoto University
                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona; Phlebobranchia; Cionidae; Ciona
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA
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Plate: 0147 row: M column: 22
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                          Class: plasmid ends
High quality sequence stop: 36.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were
                                                                                                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                   /organism="Mus musculus"
/mol_type="genomic DNA"
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/clone="cieg11p20"
/tissue_type="whole animal"
                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /dev_stage="egg"
/clone_lib="Nori Satoh unpublished cDNA library,
                                                                                                                                                                                                                                  /sex="Male"
                                                                                                                                                                                                                                                    clone="UUGC1M0147M22"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Ciona intestinalis"
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Pred. No. 20;
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AZ871535
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VERSION
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Best Local S
Matches 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rm. 308, Biomedica
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0184 row: N column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 38.
Location/Qualifiers
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GSS.
Mus musculus (house mouse)
Mus musculus
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University of Utah Genome Center
University of Utah
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 38)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ871535 38 bp DNA linear GSS 21-FEB-200200184N24F Mouse 10kb plasmid UUGCIM library Mus musculus genomic Clone UUGC2M0184N24 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/clone="Vector: PMD42ny; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                     mol_type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                         clone="UUGC2M0184N24"
                                                                                                                                                                                                                                                                                                                               db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
                                                                                                                                                                                                                                                                             sex="Male"
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AZ641732
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0504 row: L column: 23
Seq primer: CGTTGTAAAACGACGGCCAGT
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31 bp DNA linear GSS 14-DEC-200
1M0504L23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0504L23 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     High quality sequence stop: 31.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 University of Utah Genome Center University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through (0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                           /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0504L23"
                                                                                                                                                                                                                                                                                                                    sex="Male"
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87.5%;
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Pred. No. 26
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AZ869598
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27; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0181 row: H column: 14
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 31.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
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Contact: Robert B.
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel
                                                                                                                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"/Clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pWp42nv, Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Biomedical
                                                                                                                                                                                                                                                                                                                                                                clone="UUGC2M0181H14"
                                                                                                                                                                                                                                                                                                                                                                                          db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                             mol_type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                        sex="Male"
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Pred. No. 18;
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COMMENT

Unpublished (2000)
Contact: Robert B. W
University of Utah C
University of Utah

Genome Center Weiss JOURNAL

plasmid inserts

Mouse whole genome scaffolding with paired end reads from 10kb

TITLE

FEATURES

High quality sequence stop: 32.
Location/Qualifiers

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative

/lab\_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone\_lib="mouse\_lokb\_plasmid\_UUGC1m\_library" /note="Vector: pw042nv; Purified\_genomic\_DNA\_from\_M.musculus\_C57BL/6J\_(male) was obtained\_from\_the\_Jackson\_musculus\_C57BL/6J\_(male) was obtained\_from\_the\_Jackson\_Musculus\_C57BL/6J\_(mal

/clone="UUGC1M0080G16" mol\_type="genomic DNA"

db\_xref="taxon:10090"

organism="Mus musculus"

sex="Male"

Laboratory Mouse DNA Resource

Class: plasmid ends

Seq primer: CGTTGTAAAACGACGGCCAGT

Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0080 row: G column: 16

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Biomedical Polymers Research Bldg., 20

S. 2030 E., SLC,

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Query Match
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von, Niederhausern, A. and Wright, D., Weiss, R.
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32 bp DNA linear GSS 29-SEP-200
1M0080G16F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0080G16 F, genomic survey sequence.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mouse whole genome scaffolding with paired end reads from 10kb
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AZ839021.1 GI:13008929
GSS.
Mus musculus (house mouse)
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27; Conserv
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High quality sequence stop: 33.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0134 row: P column: 21
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (Dases 1 to 33)
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC2M0134P21"
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclaeotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to adaptored DNA was purified and size-selected for 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
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                                                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb_plasmid_UUGC1M_library"/note="Vector: PW942nv; Purified genomic_DNA_from_M.musculus_C57BL/6J_(male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                             sex="Male"
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RESULT 42
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CF930049
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ORGANISM
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                                                                                                                                                                                                                                                                                             Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         270 CTCTCTCTCTCTCTCTCTCTCTCTTGCT 299
clone 030ZC11 : AL668112 AL668112.1 GI EST.
                                                    AL668112
34 bp mRNA linear EST 11-JAN-20
AL668112 directional larval cDNA library Ciona intestinalis cDNA
clone 030ZC11 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HOVInde: Loc.

1 (bases 1 to 38)

1 (bases 1 to 38)

Yoon, D.H., Lee, S.H., Lee, J.H., Sang, B.C. and Oh, S.J.
Yoon, D.H., Lee, S.H., Lee, J.H., Sang, B.C. and Oh, S.J.
Yoon Expression Profiling of the Bovine adipose tissues
Unpublished (2003)
Contact: Dr. Du-Hak Yoon
National Livestock Research Institute, RDA
National Livestock Research Institute, RDA
                                                                                                                                                                                                                                                                        30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        38 bp CF-02-R-I21 Bos taurus CF-24-HW CF-02-R-I21(5'), mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 CTCTCTCTCTCTCTCTCTCTCTCTATCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: dhyoon@rda.go.kr
Insert Length: 38 Std
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      564 Omockchun-dong, Suwon,
Tel: 82 31 290 1593
Fax: 82 31 290 1792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Bos taurus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CF930049.1 GI:38278908
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Seq primer: ATTAACCCTCACTAAAG
                                                                                                                                                                                                                                                                                               Similarity
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                                                                                                                                                                                                                                                                                                                                            /tisue_type="adipose tissue"
/cell_type="adiposete"
/dev_stage="24 months old"
/dev_stage="24 months old"
/lab_host="X11-BlueNEF'strain"
/clone_lib="Bos_taurus_CF-24-HW_cDNA_library"
/note="Vector: Uni-ZAPXR; Site_1: EcoRI; Site_2: Xho
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="mRNA"
/db_xref="taxon:9913"
/clone="CF-02-R-I21(5')"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'sex="four males mixed"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Bos taurus"
                                                                                                                                                                                                                                                                                             0.5%;
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Pred. No. 29;
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Pred. No. 21;
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                                                                                               EST 11-JAN-2002
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ACCESSION VERSION KEYWORDS

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REFERENCE
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AZ860136
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Best Local Similarity 96.2%;
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Email: seqref@genoscope.cns.fr, Web: www.genoscope.cns.fr
IMPORTANT: this sequence may contain errors. The Ciona intestinalis
library from which the clone was isolated may be contaminated with
cDNAs from bacteria or other Eukarya.
Directional larval cDNA library originate from Dr.M.Branno,
Stazione A.Dohrn, Naples, Italy, and was prepared in
                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ860136 28 bp DNA linear GSS 21-FEB-200 2M0166D02F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0166D02 F, genomic survey sequence.
                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0166 row: D column: 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (2002)
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1 (bases 1 to 34)
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                                                                                                                                                                                                                                                                                                             University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 28)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
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                                                                                                                                Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
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                                                                                       ass: plasmid ends
gh quality sequence stop: 28.
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801 585 7177
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/mol_type="mRNA"

/db_xref="taxon:7719"

/clone="0302C11"

/clone_lib="directional larval cDNA library"

/note="Vector: pBluescript2SK+"
                                                                    Location/Qualifiers
organism="Mus musculus"
ol_type="genomic DNA"
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RESULT 44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 29)
                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0358 row: I column: 01
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1M0258I01R Mouse 10kb plasmid clone UUGC1M0258I01 R, genomic
                                                                                                              High quality sequence stop:
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84112,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PW9A2nv; Purified genomic DNA from M./note="Vector: PW9A2nv; Burified genomic DNA from M./note="Vector: PW9A2nv; Burified genomic DNA from the Jacksomusculus C57BL/6J (male) was obtained from the Jacksomusculus C57BL/6J (male) was obt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
/clone="UUGC2M0166D02"
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/organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.5%;
92.9%;
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Pred. No. 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29 bp DNA linear GSS 04-OCT-200 plasmid UUGC1M library Mus musculus genomic genomic survey sequence.
                                                                                                                                                                                                                                                                                                                         Std Error: 0.00
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Query Match
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                                                                                                                                                                                                                                                                                                                                     Contact: Robert Strausberg, I
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BM047352
BM047352.1 GI:16776619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BM047352 up "603628475F1 NIH_MGC_40 Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1. (bases 1 to 35)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens
                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 35.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range ushing preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
/tissue_type="carcinoma, cell line"
/lab_host="PH10B (phage-resistant)"
/clome_lib="NIH_MGC_40"
/note="Organ: prostate; Vector: pOTB7; Site_1: XhoI;
Site_2: EcoRI; cDNA made by oligo-dT priming.
Directionally cloned into EcoRI/XhoI sites using the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vectoor: pW042nv, Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                    organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                                                                                           clone="IMAGE:5456658"
                                                                                                                                                                                                                                                                                          ocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          clone="UUGC1M0258I01"
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Pred. No. 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   cDNA clone IMAGE:5456658 5',
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RESULT 45 BM047352/c

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KEYWORDS SOURCE ACCESSION VERSION

ORGANISM

REFERENCE

AUTHORS TITLE

COMMENT

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adaptors complementary to the insert adaptors

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ORGANISM
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AZ771239/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Class: plasmid ends
High quality sequence stop: 26.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0573 row: F column: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutaleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 26)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ771239.1 GI:12893285
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AZ771239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ771239 26 bp DNA linear GS Lo-FBB-4V4
1M0573F15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4733114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH_MGC Library."
                                                                                                                                                                                                                                                                                                                     /lab host="E. Coli strain XL10-Cold, T1-resistant, F-"/Clone lib="Mouse 10kb plasmid UUCCIM library"/note="Vector: PMD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="UUGC1M0573F15"
                                                                                                                                                                                                                                                                                                                                                                                                                                      sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   F, genomic survey sequence.
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Pred. No. 27;
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

DB 1;

Length 26;

밁 á purified. The sheared, adaptored mouse DNA was annealed to

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FEATURES
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Best Local S
Matches 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0198 row: P column: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
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GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    clone UUGC2M0198P23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus (house mouse)
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114|bb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Biomedical Polymers Research Bldg., 20 S. 2030 E.,
                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                                                                                                                                                                                                         /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
                                                                                                                                             polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
/clone="UUGC2M0198P23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   sex="Female"
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Pred. No. 1:
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RESULT 48
AZ632991
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
Email: 6dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0487 row: M column: 21
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meennen, E., Pedersen, T., Reilly, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF1290721), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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                                                                                                                                                                                                                                                                                                                                                                                    /clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA f.
musculus C57BL/6J (male) was obtained from th
                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /sex="Male'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="UUGC1M0487M21"
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Pred. No. 1
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Best Local Similarity
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University of Utah Ge
University of Utah
Rm. 308, Biomedical I
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erry
Plate: 0271 row: N column: 0-
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Mouse whole genome scaffolding with paired end reads from 10kb
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GSS.
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1M0271N04F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ass: plasmid ends
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                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAPA2 (gi|4732114|gb|AFT29072-1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and sheared adaptored mouse DNA was annealed to
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  purified. The sheared adaptored vector DNA,
                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                               Laboratory Mouse DNA Resource
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The sheared, adaptored mouse DNA was annealed to vector DNA, and transformed into
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AZ943199
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Mouse whole genome scaffolding with paired end reads from
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0203 row: H column: 17
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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AZ943199.1
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Fax: 801 585 7177
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University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished (2000)
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gh quality sequence stop: 28.
Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi |4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                        /lab host="E. coli strain XLIO-Gold, T1-resistant, F
/Clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PW9A2nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Ja-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            clone="UUGC2M0203H17"
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96.2%;
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Pred. No. 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0435 row: M column: 24
Seq primer: CACACAGGAAACAGCTATGACC
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AZ610578.1 GI:11732768
GSS.
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Location/Qualifiers
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWH42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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Pred. No. 18;
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0495 row: P column: 01
Seq primer: CACACAGGAAACAGCTATGACC
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114 [gb|AP129072.1). a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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/db_xref="taxon:10090"
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selected for ampicillin resistance.
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AZ435824/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               28 ATAATAATAATAATAATAATAAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.

Nose, Whole genome scaffolding with paired end reads from 10kb mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ435824
AZ435824.1 GI:10559837
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Class: plasmid ends
High quality sequence stop: 29.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0223 row: P column: 02
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 29)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ435824 29 1
1M0223P02F Mouse 10kb plasmid
clone UUGC1M0223P02 F, genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmid inserts
Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource (http://www.jax.org/resourcee/documents/dnares/). The DNA (http://www.jax.org/resourcee/documents/dnares/). The was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                      10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwb42 (gil 4733.114 |gb| AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                           musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /sex="Male"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                clone="UUGC1M0223P02"
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     selected
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for ampicillin resistance
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mid UUGC1M library Mus musculus
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Query Match Best Local Similarity

0.5%;

Score 24.2; Pred. No. 21;

DB

Length 29

Query Match Best Local Sim Matches 27;

Similarity

84.4%;

Score 24; DB Pred. No. 28; Mismatches

B

Length 32; Indels

0;

Gaps

0

Conservative

0

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ACCESSION
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AZ804185/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Unpublished (2000)
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32 bp DNA linear GSS 16-FEB-200
2M0064N24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0064N24 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0064 row: N column: 24
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
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gh quality sequence stop: 32.
Location/Qualiflers
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Laboratory Mouse DNA Resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMSP42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone_lib="Mouse_10kb_plasmid_UUGC1M_library" /nnte="Vector; PWD42nv; Purified_genomic_DNA_from_!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone="UUGC2M0064N24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sex="Male
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AZ966348/c
Query Match
Best Local Similarity
Thes 27; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ966348
2M0236J13R Mouse 10kb plasmid UUGC2M library Mu clone UUGC2M0236J13 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
Plate: 0236 row: J column: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               University of Utah (University of Utah Rm. 308, Biomedical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ966348.1 GI:13837575
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ass: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         tact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 quality sequence stop: 34.
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801 585 7177
                                                                                                                                             (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pDNA2 (gi|4732114|gb|AF1290721), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coil XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
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strain="C57BL/6J"
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                                                                       Score 24; DB 1;
                                                                                                                             for ampicillin resistance.
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RESULT 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0584 row: O column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss University of Utah Genome University of Utah
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Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 31.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
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                                                                   was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored monuse DNA was annealed to adaptored vector DNA and transformed inch
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                          adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (St
                                                                                                                                                                                                                                                                                                                                                                                                                                                    musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42ny; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  clone="UUGC1M0584O08"
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selected for ampicillin resistance
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AZ510124
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Matches 24
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                                   271 TCTCTCTCTTCTCTCTCTCTCTCT 295
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0354 row: K column: 22
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      High quality sequence stop: 25.
Location/Qualifiers
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Mus musculus
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                                                                                                           Similarity
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWn42 (gil4732114|gb)AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     clone="UUGC1M0354K22"
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                                                                                                           96.0%;
                                                                                   <u>.</u>
                                                                                                           Score 23.4;
Pred. No. 19
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                                                                                                                                    Length 25;
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                                                                                              Local Similarity 96.0
                                                271
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Contact: Robert B.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 25)
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Insert Length: 10000 Std Error:
Plate: 0545 row: H column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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1M0545H24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0545H24 F, genomic survey sequence.
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gh quality sequence stop: 25.
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                                                                                                                                                                                                                                                                                                              musculus C57BL/dJ (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42ny, Purified genomic DNA from !
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M05040106F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0504J06 F, genomic survey sequence.
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Insert Length: 10000 Std Error:
Plate: 0504 row: J column: 06
Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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Location/Qualifiers
                                                                                                                                                                                                                             musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
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                                                                                                                              96.0%;
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                                                                                                                                 Score 23.4;
Pred. No. 21;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Class: plasmid ends
High quality sequence stop: 26.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R. Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0548 row: C Column: 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         University of Utah Genome University of Utah
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Unpublished (2000)
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1M0548C02F Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0548C02 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
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                                                                                                                            Similarity
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                                                                                                  Conservative
                                                                                                                                                                                         was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      clone="UUGC1M0548C02"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:10090"
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/strain="C57BL/6J"
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                                                                                                                         Score 23.4;
Pred. No. 21;
                                                                                                    Mismatches
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AZ655531
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Best Local (
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Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0530 row: L column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Noese, whole genome scaffolding with paired end reads from 10kb mouse whole genome scaffolding with paired end reads from 10kb
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AZ655531.1 GI:11792677
GSS.
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Contact: Robert B.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus (house mouse)
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                                                                                                                       Similarity
                                               TCTCTCTCTTTCTCTCTCTCTCTCT 295
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   quality sequence stop: 27.
                                                                                                                                                                                                                                                                                                                  /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus GS7BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector said
                                                                                                                                                                                                       with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                       96.0%;
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                                                                                               Score 23.4; D
Pred. No. 22;
0; Mismatches
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AZ804183/c
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                                                                                                                          Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gene Expression Profiling of the Bovine ad Unpublished (2003)
Contact: Dr. Du-Hak Yoon
National Livestock Research Institute, RDA
564 Omockchun-dong, Suwon, 441-350, Korea
             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 29)
                                                                                                                                                                                                                                                                                                                                              AZ804183 29 bp DNA linear GSS 100064N22R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC2M0064N22 R, genomic survey sequence.
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CF-02-R-C15 Bos taurus CF-24-HW
CF-02-R-C15(5'), mRNA sequence.
CF-929943
                                                                      plasmid inserts
Unpublished (2000)
                                                                                                       Mouse whole genome scaffolding with paired end reads from
                                                                                                                                                                                                                                                        Mus musculus
                                                                                                                                                                                                                                                                                              AZ804183.1
GSS.
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Fax: 82 31 290 1792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 33)
Yoon, D.H., Lee, S.H.,
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EST.
                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bovinae; Bos.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: dhyoon@rda.go.kr
Insert Length: 33 Std
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TCTCTCTCTCTCTCTCTCTCTCTCT 33
308,
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primer: ATTAACCCTCACTAAAG
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Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /sex="four males mixed"
/tissue_type="adipose tissue"
/cell_type="adipose tissue"
/cell_type="adipocyte"
/dev_stage="24 months old"
/lab_host="XL1-BlueMRF'strain"
/clone_lib="Bos taurus CF-24-HW cDNA library"
/note="Vector: Uni-ZAPXR; Site_1: EcoRI; Site_2: Xho
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Bos taurus"
/mol_type="mRNA"
/db_xref="taxon:9913"
/clone="CF-02-R-C15(5')"
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                                                                                                                                                                                                                                                                                                                GI:12956506
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 23.4;
Pred. No. 3:
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NA library Bos t
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AZ662785
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                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 34)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                    Contact: Robert B.
University of Utah
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ662785 34 bp DNA linear GSS 14-DEC-200100542001F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0542001 F, genomic survey sequence.
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GSS.
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Insert Length: 10000 Std Erro
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Fax: 801 585 7177
                                                                                                     Unpublished (2000)
                                                                                                                            plasmid inserts
                                                                                                                                                 Mouse whole genome scaffolding with paired end reads from 10kb
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Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/clone="UUGC2M0064N22"
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/strain="C57BL/6J"
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Pred. No. 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   35 bp DNA linear GSS 21-FEB-200
2M0165J19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0165J19 R, genomic survey sequence
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (Dases 1 to 35)
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Insert Length: 10000 Std Erro
Plate: 0542 row: O column: 0
                                                   University of Utah Genome Center University of Utah
                                                                                                                         Unpublished (2000)
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Location/Qualifiers
  84112,
                                                                                                       Contact: Robert B.
                                                                                                                                                     plasmid inserts
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/strain="C57BL/6J"
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Pred. No. 42;
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                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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AZ345870.1 GI:10425107
GSS.
Mus musculus (house mouse)
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24 bp DNA linear GSS 29-SEP-200
1M0080K15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0080K15 R, genomic survey sequence.
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Location/Qualifiers
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Plate: 0165 ro
                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                     Contact: Robert B.
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ddunn@genetics.utah.edu
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/clone="UUGC2M0165J19"
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                             scaffolding with paired end reads from 10kb
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Pred. No. 4
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ORGANISM
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AZ659095/c
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4414 ATAATAATAATATTAATAATAATA 4437
                                                                                                                                                                                                                             Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 25)
1 (bases 1 to 25)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Tingey,A., von
Niederhausern,A., and Wright,D., Weiss,R.
Niederhausern,A., and Wright,D., Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ659095 25 bp DNA linear GSS 14-DEC-200
1M0536E18F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0536E18 F, genomic survey sequence.
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                                                                                                                                                                         plasmid inserts
Unpublished (2000)
Tel: 801 585 5606
Fax: 801 585 7177
                                                   84112,
                                                                                               University of Utah Genome Center University of Utah
                                                                                                                                                     Contact: Robert B. Weiss
                                                                                                                                                                                                                          Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ659095.1 GI:11796241
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                   USA
                                                                             Biomedical
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/note="Vector: PWD42rv; Purified genomic DNA fi
musculus C57BL/6J (male) was obtained from the
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
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                                                                          Polymers Research Bldg.,
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Pred. No. 2:
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Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: 0.00

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RESULT 68
BQ589412/c
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25 rererererererererere 2
                                                                                        Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
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High quality sequence stop: 25.
                                                                                                                                                                                                                                                                                                                                           Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lel and Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryotā; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

(bases 1 to 32)
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32 bp mRNA linear S014008-024-015-006-SP6 MPIZ-ADIS-024-storage root CDNA clone 024-015-006 5-PRIME, mRNA sequence.
Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 32 Std Error: 0.00
Plate: 15 row: O column: 06
                                                                                                                                                                                                                                                             Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet great J. 32 (5), 845-857 (2002)
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BQ589412.1 GI:26118995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Beta vulgaris
                                                                                Fax: 00492215062851
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/mol_type="qenomic DNA"
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/strain="C57BL/6J"
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95.8%;
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RESULT 69
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0077 row: E column: 06
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome
University of Utah
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2M0077E06R Mouse 10kb plasmid clone UUGC2M0077E06 R, genomic
                                                                                                                                     High quality sequence stop: 32.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                             plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 32)
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                                                                                                                                                                                                                                                                                                                                               84112,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
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/note="Vector: pcMVSPORT6; Site 1: SalI; Site 2: NotI;
/note="Vector: pcMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                     Biomedical Polymers Research Bldg., 20 S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schmeider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0077E06"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /tissue_type="storage root"
/lab_host="EMDH10B"
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/mol_type="mRNA"
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                                                                                          organism="Mus musculus"
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/clone="024-015-006"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     db_xref="GABI:187662"
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Pred. No.
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UUGC1M library Mus musculus genomic
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49;
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RESULT 70
AZ579594/c
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AUTHORS
                                                                                                                                   source
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                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error:
Plate: 0367 row: O column: 10
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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AZ579594.1 GI:11694023
GSS.
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                                                                                                                                                      High quality sequence stop: 26.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     plasmid inserts
Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pw042 (gi | 4732114 | gb | Ar129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                     organism="Mus musculus"
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                             db_xref="taxon:10090"
clone="UUGC1M0367010"
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                                                                                                                                                                                                                                                                                    Std Error: 0.00
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AZ488382
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Best Local Sim
Matches 23;
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                                                                                                                                                     Bource
                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0318 row: E column: 07
Seg primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
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Mouse whole genome scaffolding with paired end reads from 10kb
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1M0318E07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0318E07 R, genomic survey sequence.
                                                                                                                                                                              High quality sequence stop: 29.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                    University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmid inserts
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                                                                     /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                  /clone="UUGC1M0318E07"
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                                                  'db_xref="taxon:10090"
sex="Male"
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Pred. No. 33;
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FEATURES

lab\_host="E. Coli strain XL10-Gold, T1-resistant,

COMMENT

TITLE

musculus C57BL/6J (male) was obtained from the Jackson

PWD42nv; Purified genomic DNA from M.

/clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA f.

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REFERENCE
AUTHORS
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AZ822888/c
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COMMENT
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0096 row: G column: 06
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
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GSS.
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801 585 7177
                                                                                                                                                                                                                                   quality sequence stop: 23.
Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/lab_host="E. Coli strain XL10-Gold, T1-resist
/clone_lib="Mouse 10kb plasmid UUGC1M library"
                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                          'sex="Male"
                                                                                    clone="UUGC2M0096G06"
                                                                                                            db_xref="taxon:10090"
                                                                                                                                                                                      organism="Mus musculus"
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85.7%;
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Pred. No. 44;
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                               T1-resistant,
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                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0064 row: P column: 06
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                   Class: plasmid ends
High quality sequence stop: 26.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ803946 Inear GSS 16 AZ803946 Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0064P06 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  University of Utah
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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                                                                                                                                                              organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/lab_host="E. Coli strain XL10-Gold, 7
/clone_lib="Mouse 10kb plasmid UUGC1M
/note="Vector: PWD42nv; Purified genom
                                                                                   'sex="Male"
                                                                                                          'db_xref="taxon:10090"
'clone="UUGC2M0064P06"
                                                                                                                                                                                                                                                                            Location/Qualifiers
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95.7%;
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                            T1-resistant, F-"
M library"
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VERSION KEYWORDS

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SOURCE

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Best Local S
Matches 22
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22; Conserv
                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0080 row: M column: 20
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 26)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 University of Utah Genome Center University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
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                                                                                                                                                                                                                                                                                   quality sequence stop: 26.
Location/Qualifiers
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ilarity 95.7%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical Polymers Research Bldg.,
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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                                                                                                                 /db_xref="taxon:10090"
/clone="UUGC2M0080M20"
                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                             organism="Mus musculus"
                                                                                          sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Weiss
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Pred. No. 37;
0; Mismatches
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AZ813253 RESULT 74

FEATURES

Laboratory Mouse DNA Resource

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KEYWORDS
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AZ942002
                                                                                                                                                                                                                                                                            FEATURES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE
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Best Local
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                                                                                                                                                                                                                                                  Bource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             271 TCTCTCTCTCTCTCTCTCTCT 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length; 10000 Std Erry
Plate: 0202 row: B column: 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ942002 27 bp DNA linear GSS 26
2M0202B03F Mouse 10kb plasmid UUGCZM library Mus musculus
clone UUGC2M0202B03 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                              High quality sequence stop: 27.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ942002.1 GI:13804948
                                                                                                                                                                                                                                                                                                                                                 Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 rererererererererere 26
                                                                                                                                                                                                                                                                                                                          ass: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            308,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
/lab host="E. coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGC2M library' /notes="Vector: PWD27ny; Purified genomic DNA from M.musculus C57BL/6J (female) was obtained from the Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
                                                                                                                                                                     /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                    Location/Qualifiers
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                                                                                               'sex="Female"
                                                                                                                           clone="UUGC2M0202B03"
                                                                                                                                                db_xref="taxon:10090"
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95.7%;
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Pred. No. 37
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The

adaptored DNA was purified and size-selected for a 9.5 to

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AZ391891/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0154 row: F column: 14
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ391891 29 bp DNA linear GSS 03-OCT-200
1M0154F14F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0154F14 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
1 (bases 1 to 29)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         308,
                                                                                                                                                                                                                                                                                                               quality sequence stop: 29.
Location/Qualifiers
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                                          /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGC1M library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackso
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                    'db_xref="taxon:10090"
'clone="UUGC1M0154F14"
                                                                                                                                                                                                                                                                organism="Mus musculus"
                                                                                                                                                sex="Male"
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                                               from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0080 row: H column: 13
Seq primer: CGTTGTAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 31.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                             /lab hoste "E. Coli strain XL10-Gold, T1-resistant, F-"/Clome_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PW927pv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through
                                                         Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                               sex="Male"
                                                                                                                                                                                                                         clone="UUGC1M0080H13"
                                                                                                                                                                                                                                                     db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
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Pred. No. 4
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0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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Matches 23
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                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Errx
Plate: 0132 row: P column: 01
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Mouse, whole genome scaffolding with paired end reads from 10kb
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23; Conserv
                                                                                                                                                                                                                                                                                                                                                Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends High quality sequence stop: 24.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 24)
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GSS.
Mus musculus (house mouse)
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24 bp DNA line 2M0132P01F Mouse 10kb plasmid UUGCIM library Muclone UUGC2M0132P01 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                              /organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC2M0132P01"
                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Biomedical Polymers Research Bldg.,
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA
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Pred. No. 5
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COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and

SOURCE ORGANISM ACCESSION VERSION KEYWORDS RESULT 79 AZ633751 DEFINITION Matches Query Match Best Local ( JOURNAL source Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0489 row: I column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers 271 TCTCTCTCTCTCTCTCTCTCTC 294 24 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. AZ633751 22 bp DNA linear GSS 13-DEC-20 1M0489I11F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0489I11 F, genomic survey sequence. 22; Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Tel: 801 585 5606 Fax: 801 585 7177 Unpublished (2000) Mouse whole genome scaffolding with paired end reads from 10kb Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus Mus musculus Mus musculus (house mouse) AZ633751.1 GI:11755941 Similarity (bases 1 to 22) 308, Conservative polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." USA /lab\_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCLM library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource Biomedical Polymers Research Bldg., 20 S. was blunt end-repaired with T4 DNA polymerase and T4 /organism="Mus musculus" /mol\_type="genomic DNA" /mol\_type="genomic DNA" /strain="C57BL/6J" /sex="Male" /db\_xref="taxon:10090" /clone="UUGC1M0489I11" 0.4%; .. Score 20.8; Pred. No. 36 Mismatches 36; 0.00 DB 1; Length 24; from the Jackson 2030 E., GSS 13-DEC-2000 0 Gaps SLC, q 0

REFERENCE

AUTHORS

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The

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RESULT 80
AZ342914
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Insert Length: 10000 Std Erro
Plate: 0076 row: C Column: 27
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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mus musculus (house mouse)
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High quality sequence stop: 26.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus CSTBL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passed through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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'clone="UUGC1M0076C22"
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95.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
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University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0214 row: O column: 12
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
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1M0214011R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Vector: pWD42nv; Purified_genomic_DNA from M.
/musculus_C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
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                                                                                                                                                                                                                                                                                                                               /db_xref="taxon:10090"
/clone="UUGC1M0214O12"
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                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                        'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
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Pred. No. 49
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adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

0.4%;

DB 1; Length 23;

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AZ776487/c
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Best Local Similarity
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High quality sequence stop: 27.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0010 row: G column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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AZ776487.1 GI:12904111
GSS.
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2M0010G08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0010G08 F, genomic survey sequence.
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone 11b="Mouse 10kb plasmid UNGC1M 11brary"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucloctide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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                                                                                                                                                                                                                                                                                                                                                                                     /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:10090"
/clone="UUGC2M0010G08"
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Pred. No. 44
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22; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
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AZ394897
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Insert Length: 10000 Std Error: (
Plate: 0158 row: H column: 11
Seg primer: CACACAGGAAACAGCTATGACC
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Unpublished (2000)
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/) The DNA was hydrodynamically sheared by repeated passage through (0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone lib="mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv; Purified genomic DNA from Nasculus C57BL/6J (male) was obtained from the Jac
                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                          'sex="Male"
                                                                                                                                                                                                                                                                                                                              clone="UUGC1M0158H11"
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Pred. No. 66
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the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ589098 21 bp DNA line 1M0397B19R Mouse 10kb plasmid UUGC1M library Muclione UUGC1M0397B19 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          High quality sequence stop: 21.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0397 row: B column: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
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801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
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                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD421nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jacksol
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                             clone="UUGC1M0397B19"
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AZ627978
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Hallz, usn
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Std Brror:
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Plate: 0476 row: L column: 04
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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1M0476L04F Mouse 10kb plasmid clone UUGC1M0476L04 F, genomic
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University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
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                                                                       was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                        /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb_plasmid_UUGC1M library"
/note="Vector: DV042nv; Purified_genomic_DNA from M.
musculus_CS7BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic_DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                     clone="UUGC1M0476L04"
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Pred. No. 40;
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Matches 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       25 bp DNA linear GSS 02-OCT-20 IM0151E05F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0151E05 F, genomic survey secuence AZ389918
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0151 row: E column: 05
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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AZ389918.1 GI:10503626
GSS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 |gb| AFT19072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               with adaptors complementary to the insert adaptors and purified. The sheared, adaptored DNA was annealed to adaptored vector DNA, and transformed DNA was chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                      musculus C57BL/6J (male) was obtained
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                               /clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv: Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         mol_type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                  lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
                                                                                                                                                                                                                                                                                                                                                                                                                                   sex="Male"
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Pred. No. 40
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KEYWORDS
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AZ433566
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Best Local Similarity
Matches 21; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 CCATGCTCTCTCTCTCTCTCTCT 25
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High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetlcs.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0219 row: C column: 02
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              plasmid inserts
Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ433566 ZU DP DNA ILLICO 1M0219C02R Mouse 10kb plasmid UUGCIM 11brary Muclone UUGC1M0219C02 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn, D., Aoyagi, A., Barber, M.,
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GSS.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 4732114 [gb] AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
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                                                                                                                                                                                                                                                                                                           /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                     sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                          clone="UUGC1M0219C02"
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Pred. No. 7
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19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Plate: 0327 row: K column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0327 row: K column: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (bases 1 to 20)
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Location/Qualifiers
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801 585 7177
was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of physical properties of physical properties acopy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGC1M library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackso
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Biomedical
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                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/).
                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db_xref="taxon:10090"
/clone="UUGC1M0327K24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
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Pred. No. 48;
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ORGANISM
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AZ770557
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0572 row: N column: 0
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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20 bp DNA linear GSS 16-FEB-200
1M0572N08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0572N08 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA and transfermed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                               /clome_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWP42nv; Purified genomic DNA from M.
musculus CS7BL/6U (male) was obtained from the Jack
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        clone="UUGC1M0572N08"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
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Pred. No. 41
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AZ464354
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Tel: 801 585 5606
Fax: 801 585 7177
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19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0273 row: M column: 11
Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 22.
Location/Qualifiers
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Contact: Robert B.
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            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector NAN and properties.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       crererererere 20
                                                                                                                                                                                                                                                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone_lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PW042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     mol_type="genomic DNA"
|strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                     sex="Male"
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Pred. No. 48
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(Stratagene) cells

and selected

ampicillin resistance

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: C
Plate: 0413 row: C column: 08
Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ598675 23 bp DNA linear GSS 1:
1M0413C08R Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0413C08 R, genomic survey sequence.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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AZ598675.1 GI:11720865
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                         was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymecleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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                                                                                                                                                                                                                                                                                                                                                                                      /clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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/clone="UUGC1M0413C08"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex≂"Male
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/strain="C57BL/6J"
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95.0%; Pred. No. 59
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ebbole,D.J., Yuan,J., Thomas,T.L., Bobrowicz,P., Lu,G., Bhatterai,K. and Dean,R.A.
Expressed sequence tags from the rice blast fungus, Magnaporthe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Seq primer: T3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FORWARD: T3 primer
BACKWARD: T7 primer
Plate: mgcs010 row: A column:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: d-ebbole@tamu.edu
Chromatogram file of this sequence is available, see contact
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Peterson Bldg, MS2132, College Station, TX 77843-2132,
Tel: 979 845 4831
Fax: 979 845 6483
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Ebbole DJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes; Sordariomycetes incertae sedis; Magnaporthaceae; Magnaporthe.

1 (bases 1 to 27)
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                                                                                                              Similarity
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                                            TCTCTCTCTTTCTCTCTCTC 290
                                                                                       Conservative
                                                                                                                                                                  /clone="mgc6010xA10"
/sex="Mat1-2 hermaphrodite"
/cell type="conidia"
/cell type="conidia"
/clone_lib="Magnaporthe grisea CS Uni-Zap XR Library"
/clone_"Vector: pBluescriptSK; Site_1: EcoRI; Side has T3 primer and
predominantly 5' reads. T7 primer on XhoI side of insert.
Conidial library. Point inoculation of Guyll at center of
oatmeal agar plate. Conidia were harvested after two weeks
of growth. Sequences were processed by one of two methods.
Where a full-length alignment to the M. grisea genome
sequence was available, the EST sequence was trimed
according to the alignment, otherwise sequence quality was
assessed using phredPhrap version 991019 and trimmed
according to phd files (0.05) and for vector seqs."
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/mol_type="mRNA"
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Pred. No. 65;
0; Mismatches
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                                                                                                            Score 18.4;
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1 crererererererer 20
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High quality sequence stop: 27.
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Insert Length: 10000 Std Erro
Plate: 0187 row: C column: 0)
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Unpublished (2000)
Contact: Robert B. Weiss
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2M0187C08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0187C08 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                   10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLLO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                            (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XI10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /notee="Vector: pw042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
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Pred. No. 91;
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Insert Length: 10000 Std Error: |
Plate: 0191 row: D column: 07
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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AZ416392

IM0191D07R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGCIM0191D07 R, genomic survey sequence.

AZ416392

AZ416392.1 GI:10540405

GSS

GSS

Mus musculus (house mouse)
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                       Score 18; DB
Pred. No. 94;
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Query Match
Best Local
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                                                                                                                           Homo sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 25)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,

Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,

Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,

Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                24
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                H93534 25 bp mRNA linear EST 01-DEC-
yv08g12.rl Soares fetal liver splems HDLS Homo sapiens CDNA cli
IMAGE:242182 5' similar to gb/m87933 |HUMAALU364 Human carcinoma
cell-derived Alu RNA transcript, (rRNA);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 24)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                      Unpublished (1995)
Contact: Wilson RK
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbbo.com, bhna
Location/Qualifiers
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14ROOT--02-C09.gl Rice root plasmid cDNA library (14ROOT) O
sativa (japonica cultivar-group) cDNA clone 14ROOT--02-C09,
Washington University School of Medicine 4444 Forest Park Parkway, Box 8501, St.
                                                                                                     The WashU-Merck EST
                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens (human)
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/lab_host="E.coli DH10B"
/clome_lib="Rice root plasmid cDNA library (14R0OT)"
/note="Vector: pCR4-TOPO; Site_1: EccRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:39947"
/clone="14ROOT--02-C09"
/tissue_type="root"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                 GI:1099862
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Pred. No. 89
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     Louis, MO 63108
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RESULT 97
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
                                                                                                                                                   Contact: Robert B.
University of Utah
University of Utah
                                                                                                                                                                                                                                                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ840538 25 bp DNA linear GSS 20-FEB-200 2M0138F10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0138F10 F, genomic survey sequence.
                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0138 row: F column: 10
                                                                                                                                                                                                                           plasmid inserts
                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 25)
                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Seq primer: M13RP1
Class: plasmid ends
              Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                              Unpublished (2000)
                                                                                                                                                                                                                                           Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                          musculus (house mouse)
                                                                                                                                        308,
                                                                                    801 585 5606
801 585 7177
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                                                                                                                                    Biomedical Polymers Research Bldg.,
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mol_type="mRNA"
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Pred. No. 96;
0; Mismatches
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Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 27)
                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0061 row: N column: 14
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ333062 27 bp DNA linear GSS 29-SEP-2011M0061N14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
High quality sequence stop: 27 
Location/Qualifiers
                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                          plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            clone UUGC1M0061N14 R, genomic survey sequence.
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                                                   lass: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil 473214) gbl pRT29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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/note="Vector: pWh92nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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BQ589412
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Beta vulgaris
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheo
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Spermatophyta; Magnoliophyta; edicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 32)
1 (bases 1 to 32)
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Let
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20,
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32 bp mRNA linear EST 06-DEC-20 S014008-024-015-006-SP6 MPIZ-ADIS-024-storage root Beta vulgaris cDNA clone 024-015-006 5-PRIME, mRNA sequence.
                                                                                                                                                                                                                    ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                           Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                                                                                       Insert Length: 32 Std Error Plate: 15 row: O column: 06 Seq primer: SP6; CATACGATTTAGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BQ589412
BQ589412.1 GI:26118995
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                                                                                                                                                                                        weisshaa@mpiz-koeln.mpg.de
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
/mol_type="mRNA"
                                                                                 r: SP6; CATACGATTTAGGTGACACTATAG.
Location/Qualifiers
                              organism="Beta vulgaris"
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/strain="C57BL/6J"
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                                                                                                                                                               Std Error: 0.00
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AZ424284/c
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Railly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welse, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0203 row: M column: 14
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 41)
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41 bp DNA linear GSS 03-OCT-20
1M0203M14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0203M14 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 AAGAGAAAGAGAGAGAGAGAGATAGGGAGC 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
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AZ424284.1 GI:10548297
                                                                                                                                                                                                                                                                                           High quality sequence stop: 41.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               308,
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/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, ilbrary provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sal1-Not1, primer sites and
musculus C57BL/6J (male) was obtained from the Jackson
                      /lab_host="E. Coli strain XL10-Gold, T1-resistant,
/clome_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               orientation:
                                                                                            /clone="UUGC1M0203M14"
/sex="Male"
                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                organism="Mus musculus"
                                                                                                                                                                                                                                                                Location/Qualifiers
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/db_xref="taxon:161934"
                                                                                                                                            /db_xref="taxon:10090"
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/lab_host="EMDH10B"
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Pred. No. 1.5e+02;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
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1M0322C12F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0322C12 F, genomic survey sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Resu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 1)
                                                                                                                                                                                                                                                                                                                                                                              Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0322 row: C column: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
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GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                       quality sequence stop: 19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                801 585 5606
801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-/clone lib="Mouse 10kb plasmid UUGCIM 11brary" /note="Vector: PWD42nv, Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jack Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Laboratory Mouse DNA Resource
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                                                                                                                                                                      clone="UUGC1M0322C12"
                                                                                                                                                                                                                  mol_type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                       organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                         ocation/Qualifiers
                                                                                                                                             sex="Male"
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                                                                                                                                                                                            _xref="taxon:10090"
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Pred. No. 2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Std Error: 0.00
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                                    from the Jackson
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SOURCE

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1M0355G15R Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0355G15 R, genomic survey semianna
AZ510952
                                                                                                                                                                                                                                                                                                                                                                                                       Insert Length: 10000 Std Error: (
Plate: 0355 rw: G column: 15
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               84112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMAParor; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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                                                                                                                                                                                    /db_xref="taxon:10090"
/clone="UUGC1M0355G15"
                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                    'sex="Male"
                                                                                                                                                                                                                                                                                              organism="Mus musculus"
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Pred. No. 57;
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AZ973926
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUTHORS
                                                                                                                                                                                                                                                                                                                                             source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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AZ973926.1 GI:13845153
GSS.
Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0248 row: N column: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    University of Utah University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished
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lgh quality sequence stop: 23.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Biomedical Polymers Research Bldg.,
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a
                                                                     /lab_host="E. coli strain XL10-Gold, T1-resistant, r-"/lab_host="E. coli strain XL10-Gold, T1-resistant, r-"/clone_lib="Mouse_10kb_plasmid_UUGC2M_library"
/clone_lib="Mouse_10kb_plasmid_UUGC2M_library"
/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.
                                                                                                                                                                                                                                                               mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                               clone="UUGC2M0248N15"
                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                               ocation/Qualifiers
                                                                                                                                                                               sex="Female"
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Genome Center
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Pred. No. 57
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb Nouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 23.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0504 row: P column: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                   /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Biomedical Polymers Research Bldg., 20 S.
(http://www.jax.org/resources/documents/dnares/). The DN was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA
                                                                                Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                       /db_xref="taxon:10090"
/clone="UUGC1M0504P15"
                                                                                                                                                                                                                 /sex="Male"
                                                                                                                                                                                                                                                                                            mol_type="genomic DNA"
|strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
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Pred. No. 86;
O; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0051 row: B column: 17
Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Rodentia; 1 (bases 1 to 25)
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jack Laboratory Mouse DNA Resource
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/clone="UUGC2M0051B17"
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
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Pred. No. 91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weise,R.
Nouse whole genome scaffolding with paired end reads from 10kb Nouse whole genome scaffolding with paired end reads from 10kb
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
musculus (1974), when the DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through (0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 molymerase and T4 molymerase and T4 molymerase were
                                                                                                                                                                                     /lab host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW0421v; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGC1M0041A23"
                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                                                                                                                                                                                                                                     'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
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Pred. No. 1.1e+C
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BZ765029
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Joseph R. Ecker
Salk Institute Genomic Analysis Laboratory (SIGnAL)
The Salk Institute for Biological Studies
10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
Tel: 858 453 4100 x1752
Fax: 858 558 6379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Alonso,J.M., Leisse,T.J., Barajas,P., Chen,H., Cheuk,R., Gadrinab,C., Jeske,A., Karnes,M., Kim,C.J., Parker,H., Prednis,L., Shinn,P., Zimmerman,J. and Ecker,J.R.
A Sequence-Indexed Library of Insertion Mutations in the Arabidopsis Genome
Arabidopsis Genome
Unpublished (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BZ765029 26 bp DNA linear GSS SALK 127976.21.20.x Arabidopsis thaliana TDNA insertion Arabidopsis thaliana genomic clone SALK 127976.21.20.x,
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Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BZ765029.1 GI:28937582 GSS.
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                                                                                                               Similarity
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                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ecker@salk.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 [gb] AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                     /clone="SALK_127976.21.20.x"
/clone lib="Arabidopsis thaliana TDNA insertion lines"
/clone lib="Arabidopsis thaliana TDNA insertion lines
/note="ECR was performed on Arabidopsis thaliana lines
each of which contains one or more TDNA insertion
elements. The resultant fragment for each line was
directly sequenced to determine the genomic sequence at
the site of insertion. Details of the protocols used can
be found at http://signal.salk.edu/tdna_protocols.html"
                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/ecotype="Col-0"
/db_xref="taxon:3702"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Arabidopsis thaliana"
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                                                                                   0;
                                                                                                               Score 17; DB 1; Length 26; 
Pred. No. 1.2e+02;
                                                                                   Mismatches
                                                                                   Indels
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2 (bases 1) to 26)
3 (bases 1) to 26)
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7 (bases 2) to
                                                                                                                                                                                                                                                                                                                                                       AZ828388 24 bp DNA linear USS 20 2M0105P14F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0105P14 F, genomic survey sequence.
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 24)
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                                                                                                                                                                                                      Mus musculus (house mouse)
                                                                                                                                                                                                                                                                         GSS.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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/clone_lib="RP-43 Chimpanzee Male BAC Library"
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/db_xref="taxon:9598"
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Insert Length: 10000 Std Error:
Plate: 0105 row: P column: 14
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. University of Utah University of Utah
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Lolium multiflorum EST Project 
Unpublished (2004)
                                                                                    Spermatophyta; Magnoliophyta; Pooideae; Poeae; Lolium.
                                                                                                     Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                               Lolium multiflorum (Italian ryegrass)
Lolium multiflorum
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801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             musculus C57BL/6J (male) was obtained
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            mol_type="genomic DNA"
strain="C57BL/6J"
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Pred. No. 1.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25 bp mRNA linear EST 07-MAY-2003 mgcs009xP04f.b Magnaporthe grisea CS Uni-Zap XR Library Magnaporthe grisea cDNA clone mgcs009xP04 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Magnaporthe grisea
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
Sordariomycetes incertae sedis; Magnaporthaceae; Magnaporthe.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Japan Grassland Farming Forage Seed Association(JFSA) Forage Crop Research Institute(FCRI) Higasiakada 388-5, Nishinasuno, Tochigi 329-2742, Jap Tel: 81-287-37-6755 Fax: 81-287-37-6757
                                                                                                                                                                                                                                                                                                                                                                                                      Peterson Bldg, MS2132, College Station, TX 77843-2132, USA
Tel: 979 845 4831
Fax: 979 845 6483
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Ebbole DJ
Department of Plant Pathology
Texas A&M University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ebbole, D.J., Yuan, J., Thomas, T.L., Bobrowicz, P., Lu, G., Bhatterai, K. and Dean, R.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: sikeda67@jfsass.or.jp
contact:Tadashi Takamizo (takamizo@affrc.go.
National Institute of Livestock and Grasslan
                                                                                                                                                                                                                                                                                         BACKWARD: T7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Expressed sequence
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                                                                                                                                                                                                                                                                       Plate: mgcs009
                                                                                                                                                                                                                                                                                                            FORWARD: T3 primer
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                                                                                                                                                                                                                                                                                                                              PCR PRimers
                                                                                                                                                                                                                                                                                                                                                                                        Email: d-ebbole@tamu.edu
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/strain="Guyl1"
/db xref="taxon:148305"
/clone="mgcs009xP04"
/sex="Mat1-2 hermaphrodite"
/cell_type="conidia"
/clone lib="Magnaporthe grisea CS Uni-Zap XR Library"
/clone lib="Magnaporthe grisea CS Uni-Zap XR Library"
/note="Vector: pBluescriptSK-, Site_1: EcoRI; Site_2:
XhoI; Unidirectional cloning. EcoRI side has T3 primer an
predominantly 5' reads. T7 primer on XhoI side of insert.
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/clone_Tib="FL"
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/db_xref="taxon:4521"
/clone="FL023C10-5"
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/mol_type="mRNA"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0563 row: J column: 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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AZ766246.1 GI:12883119
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1M0563J08R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0563J08 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        High quality sequence stop: 23.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                          (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conidial library. Point inoculation of Guyll at center of oatmeal agar plate. Conidia were harvested after two weeks of growth. Sequences were processed by one of two methods. Where a full-length alignment to the M. grisea genome
                                                                                                                                                                                                                                                               /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sequence was available, the BST sequence was trimed according to the alignment, otherwise sequence quality was assessed using phredPhrap version 991019 and trimmed according to phd files (0.05) and for vector seqs."
adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                     clone="UUGC1M0563J08"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
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AUTHORS
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VERSION
KEYWORDS
SOURCE
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AZ805923
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0067 row: N column: 05
Seq primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   271 TCTCTCTCTTTCTCTCTCTCTCT 293
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (2000)
Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 24)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ805923.1 GI:12966734 GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ805923 24 bp DNA linear GSS 20-FEB-200 2M0067N05R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0067N05 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              quality sequence stop: 24.
Location/Qualifiers
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
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                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                           clone="UUGC2M0067N05"
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Pred. No. 1.1e+02;
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RESULT 115
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AG196149/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea (E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 ACCTGAAGACACTAAGCACTCTG 24
   AZ983014
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,WBAC end sequences of Library RP-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AG196149 25 bp DNA Pan troglodytes DNA, clone: RP43-075K10.TJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pan troglodytes
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R.Site 2
                                                                                                                                                                       0.3%;
ilarity 82.6%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequencing: TJ
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                                                                                                                                                                                                                                                 /cell_type="1ymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                              organism="Pan troglodytes"
                                                                                                                                                                                                                                                                                           'sex="male"
                                                                                                                                                                                                                                                                                                           clone="RP43-075K10.TJ"
                                                                                                                                                                                                                                                                                                                             'mol_type="genomic DNA"
'db_xref="taxon:9598"
                                                                                                                                                                                                                                                                                                                                                                                                        ocation/Qualifiers
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: EcoRI
: EcoRI.
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Pred. No. 1.2e
0; Mismatches
                                                                                                                                                                                           Score 16.6;
Pred. No. 1.1
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Song, W. and Yoo, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear GSS 06, genomic survey
 linear
 GSS 27-APR-2001
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Locus

DEFINITION CF339443/c RESULT 116

CF339443 20 bp mRNA linear FRCL1--04-003.gl Regenerated callus lambda phage cDNA

EST 18-AUG-2003 library (RCL1)

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          270
                                                        l Similarity 94.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Welss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2M0264H02F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0264H02 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0264 row: H column: 02
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. University of Utah University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ983014.1 GI:13854241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         plasmid inserts
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CTCTCTCTCTTTCTCTCT 287
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308,
USA
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                                                                                                                                            was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/clome_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWh22nv; Purified genomic DNA from M.
musculus C77BL/6J (female) was obtained from the Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         'sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        clone="UUGC2M0264H02"
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                                                                               94.4%;
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                                                                               Score 16.4; No. 76;
                                                          Pred. No. 76;
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Best Local S
Matches 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19
Unpublished (1999)
Other ESTs: 2822872.3prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information
be found through the I:M.A.G.E. Consortium/II.NIL ar-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            mRNA sequence.
CF339443
CF339443.1 GI:33827271
                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 23)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)
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2822872.5prime NIH_MGC_7 Homo
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                                                                                                                                                                                                                                                                                                                                                                     AW245566.1 GI:6588559
EST.
                                                                                                                                                                                                                                                                                                                                                                                                                                   mRNA sequence.
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                                                                                                                                                                                                                                                                                                                         Homo sapiens
                                                                                                                                                                                                                                                                                                                                              Homo sapiens (human)
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82 31 330 6193
82 31 321 6355
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="Vector: pBluescript SK(+); Site 1: SstI; Site 2: XhoI; cDNA was inserted into lamda Uni-ZAP XR vector at 5' end with SstI and 3' end with XhoI site. Callus was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            regenerated
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /clone="RCL1--04-003"
/tlssue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli SOLR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      induced on
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(mol_type="mRNA"
/cultivar="wackdong"
/db_xref="taxon:39947"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          sapiens cDNA clone IMAGE: 2822872
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality Scores: PHRED from University of Washingtlon Genome Center. Vector Trimming: cross match from University of Washingtlon Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washingtion Genome Center: http://www.genome.washington.edu Very Low Quality Sequence: Trace file contained 23 contiquous distinct peaks following vector sequence. Short Insert: Based upon the presence of vector at both ends of the untrimmed sequence, this clone probably contains a cDNA insert of approximately 23 bases. Plate: LLCM10 row: I column: 17 High quality sequence stop: 468.
                                                                                                                                                                                                                                                                                                                                                                                  Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                          plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0298 row: N column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae;
1 (bases 1 to 24)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ478403
24 bp DNA linear GSS 04-OCT-200
1M0298N21F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0298N21 F, genomic survey sequence.
                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                       University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus (house mouse)
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lass: plasmid ends
gh quality sequence stop: 24.
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//lab Nost="DH108 (phage-resistant)"
//lab Nost="DH108 (phage-resistant)"
//lab Nost="DH108 (phage-resistant)"
//clone lib="NIH MGC_7"
//clone lib="NIH MGC_7"
//note="Organ: lung; Vector: pOTB7; Site_1: XhoI; Site_2: ECORI; CDNA made by oligo-dT priming. Directionally cloned into ECORI/XhoI sites using the following 5' adaptor: GCCACGAG (G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                     Biomedical
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/mol type="mRNA"
/db_xref="taxon:9606"
/clone="1MAGB:2822872"
/clissue_type="small cell carcinoma"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
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                                                                                                                                                                                                                                  Polymers Research Bldg.,
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Pred. No. 1.
                                                                                                     Std Error: 0.00
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; Murinae; Mus
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Best Local :
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17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert Strausberg, Ph.D. Email: cgapbs-r@mail.nih.gov Tissue Procurement: DCTD/DTP
                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 35)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
                                                                                                                                            Plate: LLCM1955 row: f column: 19
High quality sequence stop: 35.
Location/Qualifiers
                                                                                                                                                                                                                         found through the I.M.A.G.E. Consortium/LLNL http://image.llnl.gov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BM047352.1 GI:16776619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       603628475F1 NIH_MGC_40 Homo sapiens cDNA clone IMAGE:5456658
                                                                                                                                                                                                                                                                         CDNA Library Preparation: Ling Hong/Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GANACTGACCACACTCATC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sapiens (human)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                     /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:5456658"
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/strain="C57BL/6J"
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/tissue_type="carcinoma, cell line"
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                                                                                                  organism="Homo sapiens"
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AI688330/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cDNA Library Preparation: M. Bento Soares, Ph.D. cDNA Library Arraying: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert Strausberg, |
Email: cgapbs-r@mail.nih.gov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Seq primer: -40UP from Gibco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Trace considered overall poor quality Insert Length: 670 Std Error: 0.00
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National Cancer Institute, Cancer Genome Anat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Insert Length: 670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tissue Procurement: Elias Campo, M.D., Michael R. Emmert-Buck,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (1997)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gene Index
                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol type="mRNA"
/db_xref="taxon:9606"
/clone="IWAGE:2326286"
/sex="pooled"
/clone_lib="NCI_CGAP_CG3"
/note="Vector: pT773D-Pac (Pharmacia) with a modified
/note="Vector: pT773D-Pac (Pharmacia) with a modified
polylinker; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA
was prepared from 12 pooled bulk tumor samples and primed
with a Not I - oligo(dT) primer. Double-stranded cDNA was
ligated to Eco RI adaptors (Pharmacia), digested with Not
I and cloned into the Not I and Eco RI sites of the
modified pT773 vector. Library went through one round of
normalization. "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_40"
/note="Organ: prostate; Vector: pOTB7; Site_1: XhoI;
/note="Corgan: prostate; Vector: pOTB7; Site_1: XhoI;
Site_2: EcoRI; cDNA made by oligo-dT priming.
Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies).
Note: this is a NIH_MGC Library."
                                                                                                                                                                                                                                              tissue_type="colon"
lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ocation/Qualifiers
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Query Match

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AW245303
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaa.
1 (bases 1 to 22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CF309796 22 bp mRNA linear EST 15-AUG-2003
ABF--04-CO2.bl ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Cryza sativa (japonica cultivar-group) cDNA clone
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                      Homo sapiens
                                                                                                                          EST
                                                                                                                                               AW245303
AW245303.1 GI:6588296
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                                                                                                                                                                                                                                                                      AW245303
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ABF--04-CO2, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cDNA library (ABF)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="ABF3-overexpressing transgenic rice plasmid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:39947"
/clone="ABF--04-C02"
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Pred. No. 1.3e+02;
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                                                                                                                                                                                                                                       sapiens cDNA clone IMAGE: 2822872 3',
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BX558114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert Straight, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP cDNA Library Arrayed by: The I.M.A.G.E.
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center:
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Very Low Quality Sequence: Trace
file contained 23 contiguous distinct peaks following vector
sequence. Short Insert: Based upon the presence of vector at both
ends of the untrimmed sequence, this clone probably contains a cDNA
insert of approximately 23 bases.
Plate: LICM10 row: I column: 17
High quality sequence stop: 460.
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response genes
Genome Biol. 4
22881942
                                                                                                                                                                                                                              EST.
Glossina morsitans morsitans
Glossina morsitans morsitans
Glossina morsitans morsitans
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygo:
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscoidea; Glossinidae; Glossina.
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                                                                                  Lehane, M.J., Aksoy, S., Gibson, W., Kerhornou, A., Berriman, M., Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N. Adult midgut expressed sequence tags from the tsetse fly Glossina morsitans morsitans and expression analysis of putative immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BX558114 Glossina morsitans morsitans adult infected BX558114 Glossina morsitans clone Tse36g02_q1c, mRNA sec
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Other_ESTs: 2822872.5prime
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National Institutes of Health, Mammalian
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /cell line="MGC3"
/lab host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 7"
/clone_lib="NIH MGC 7"
/clone="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: /note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: /note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: /note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: /note="Organ: lung; Site 2: XhoI; Site 3: XhoI; Sit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone="IMAGE:2822872"
/tissue_type="small ce
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mol_type="mRNA"
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Pred. No. 1.
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Glycine max (soybean)

Glycine max (soy
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gmrhRww3 Glycine max cDNA, mRNA seq
CF920973
CF920973.1 GI:38191767
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University of Wales,
Bangor LL57 2UW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Single pass sequence 
Seq primer: T7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2003)
Contact: Gary Stacey
University of Missouri
108 Waters Hall, Columbia,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Scheffler, B.E., Huang, S., Liu
Expressed sequence tags from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 24)
Scheffler, B.E., Hu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The Sanger Institute The Wellcome Trust Genome Campus Hinxton, Cambridge, CB10 1SA, UK
Request for clones, please contact: Mike Lehane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: staceyg@missouri.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pathogen Sequencing Unit
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                                                                                                         gmrhRww3"
                                                                                                                                                                                                                                                                                                               /organism="Glycine max"
/mol_type="mRNA"
/cultivar="Williams 82"
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/mol_type="mRNA"
/sub_species="morsitans"
/sub_xref="reaxon:37546"
/clone="Tse36g02_q1c"
/tissue_type="adult infected gut"
                                                                                                                                                     /db_xref="taxon:3847"
/tissue_type="root hairs"
/clone_lib="Soybean root hair subtracted cDNA library
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone_lib="Glossina morsitans
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Pred. No. 1.4e+02;
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rom soybean root hair subtractive cDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B.
University of Utah
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedes
Reilly, M., Rose, R., Stokes, R., Tingey, A.,
Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 32)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ811393 32 bp DNA linear GSS 20-FEB-200200077E06R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0077E06 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             High quality sequence stop: 32.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus
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Plate: 0077 row: E column:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was predeficed from a derivative of pMD92 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-G01 (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Biomedical Polymers Research Bldg., 20
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                                                                                                                                                                                                                                                                                                                                                                                     /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pub/421v; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                  Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone="UUGC2M0077E06"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
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Pred. No. 1
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y,A., von
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    S. 2030
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AZ469557
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VERSION
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0283 row: A column: 09
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AZ469557.1 GI:10627682
GSS.
Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
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                                                                                      /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42.(gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared. Adaptored mouse DNA was annealed to
purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="UUGC1M0283A09"
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70.0%;
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Pred. No. 2.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokee,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ435824 29 bp DNA linear GSS 03-OCT-20
1M0223P02F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0223P02 F, genomic survey sequence.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
Plate: 0223 row: P column: 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWp42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/notee="Vector: pW042nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical Polymers Research Bldg., 20 S. 2030
                                                                                                                                                                                                                                                                                                                                                                                                                    Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         'clone="UUGC1M0223P02"
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strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%;
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Pred. No. 1.5e+02
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RESULT 128
AZ328467/c
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Matches 19; Conservative
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40 bp DNA linear GSS 29-SEP-20
1M0052E18F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0052E18 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0052 row: E column: 18
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
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GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            801 585 5606
801 585 7177
                                                                                            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNDA2 (gi|4732114|gb|AF1290721), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
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purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PW942nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso)
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                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Cocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="UUGC1M0052E18"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sex="Male"
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0; Mismatches 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   from the Jackson
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Query Match Best Local Similarity

0.3%;

Score 15.4; DB 1; Pred. No. 2.6e+02;

Length 40

Query Match Best Local

Similarity 85.0

0.3%; 85.0%;

0

Score 15.2; DB 1, Pred. No. 1.4e+02, 0; Mismatches

DB 1;

Length 22; Indels

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Gaps

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RESULT 129
AZ652627/c
LOCUS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: C
Plate: 0525 row: K column: 24
Seg primer: CACACAGGAAACAGCTATGACC
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High quality sequence stop:
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|473214|gb|p87129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library./note="Vector: PW9270v; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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JOURNAL COMMENT
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AZ803482
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                        Query Match
Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error: |
Plate: 0063 row: I column: 23
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
84112, USA
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Unpublished (2000)
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AZ803482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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GSS.
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                            Conservative
                                                                                                                                                                                      (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAP2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                             purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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/strain="C57BL/6J"
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              'eex="Male"
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                                                                                                           selected for ampicillin resistance
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                                           Score 15.2; DB 1;
Pred. No. 1.4e+02;
                            Mismatches
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AUTHORS
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BG668047
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AZ310681.1
GSS.
Mus musculus
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                                                                               AZ310681 23 bp DNA linear GSS 29 1M0025F13R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0025F13 R, genomic survey sequence.
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    musculus (house mouse)
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281 rererererere 295
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Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Rattus norvegicus (Norway rat)
Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: xu.zhang@ion.ac.cn
This clone is also available at Chinese National Human Genome
This clone is also available at Chinese National Human Genome
Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park,
Pudong New Area, P.R.China. Please contact with Zhang Xu
(xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@chgc.sh.cn)
PCR PRimers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Laboratory of Sensory System
Institute of Neuroscience
320 Yue Yang Road, Shanghai 200031,
Tel: 86-21-64748700-121
Fax: 86-21-64713446
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18 bp mRNA linear EST 30-APR-200
DRABUA12 Rat DRG Library Rattus norvegicus cDNA clone DRABUA12 5',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Seq primer: T3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Zhang Xu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 mRNA sequence.
BG668047
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                                                   Conservative
                                                                                                                                                                                                                                                             /strain="Sprague-Dawley"
/db_xref="taxon:10116"
/clone="DRABUA12"
                                                                                                                                                                                                                                                                                                                                         /organism="Rattus norvegicus"
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                                                                                                                                                                              /tissue_type="dorsal root ganglion"
/dev_stage="adult"
                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
                                                                                                                                                     /clone_lib="Rat DRG Library"
                                                                                                                                                                                                                                 'sex="male"
                                                                              100.0%;
                                                                            0.3%; Score 15; DB 1;
100.0%; Pred. No. 99;
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GI:10352903

GSS 29-SEP-2000

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RESULT 133
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                                                                            VERSION
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                                                                                                                                                                                                                                                                                                                           1951 CCATCCACACGCTCTGGAACATC 1973
AZ440100
23 bp DNA line
1M0231F04F Mouse 10kb plasmid UUGCIM library Mu
clone UUGCIM0231F04 F, genomic survey sequence.
AZ440100
AZ440100.1 GI:10564113
GSS.
Mus musculus (house mouse)
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Insert Length: 10000 Std Error: 0.00
Plate: 0025 row: F column: 13
Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
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Location/Qualifiers
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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/strain="C57BL/6J"
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DEFINITION Locus AZ760383/c RESULT 134

AZ760383 23 bp DNA linea:
1M0554C08F Mouse 10kb plasmid UUGC1M library Mus
clone UUGC1M0554C08 F, genomic survey sequence.

musculus genomic

KEYWORDS VERSION ACCESSION

AZ760383.1

GI:12868158

ORGANISM

Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mus musculus (house mouse)

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REFERÈNCE
AUTHORS
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23
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Insert Length: 10000 Std Error:
Plate: 0231 row: F column: 04
Seg primer: CGTTGTAAAACGACGGCCAGT
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University of Utah
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Mouse whole genome scaffolding with paired end reads from 10kb
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Location/Qualifiers
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Fax: 801 585 7177
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  CTCTCTTTCCCTATCTTTTACTT 1
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ilarity 78.3%;
Conservative
                                                                                                                                                                                              was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (http://www.jax.org/resources/documents/dnares/). The DNA
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/clone="UUGC1M0231F04"
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strain="C57BL/6J"
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                                                                                                                                                    Score 15; DB 1;
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ches 5;
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JOURNAL COMMENT
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AUTHORS
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Best Local &
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Insert Length: 10000 Std Error:
Plate: 0554 row: C column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 23.
                                                                                                                  Mus musculus
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AZ763749.1 GI:12875096
GSS.
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University of Utah Genome Center
University of Utah
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                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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801 585 7177
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/strain="C57BL/6J"
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Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
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                                                                                                                                                                                                Beta vulgaris
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18 bp mRNA linear ES BQ594437 18 bp mRNA linear ES E012442-024-024-M20-SP6 MPIZ-ADIS-024-developing root cDNA clone 024-024-M20 5-PRIME, mRNA sequence. BQ594437
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0559 row: B column: 19
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Contact: Robert B.
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Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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/strain="C57BL/6J"
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Pred. No. 1.6e+02;
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GI:26124020

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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplanca; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaee; Oryza.
1 (bases 1 to 22)
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Herwig,R., Schulz,B., Wei
Drungowski,M., Stahl,D.,
and Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                            AB094448 lambda TriplEx2 rice phloem sap cDNA Oryza sativa (japonica cultivar-group) cDNA clone PA568, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 18 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                        Plant Genome Center Co.,Ltd
Kannondail-25-2, Tsukuba, Ibaraki 305-0856, Japan
Tel: 81-298-39-4823
                                                                                          Unpublished (2003)
Contact: Hironori Mano
                                                                                                                                                                              Mano, H., Noguchi, M., Oshima, T.,
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AB094448.1 GI:30307353
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primer: SP6; CATACGATTTAGGTGACACTATAG.
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                                                                                                                                   RNAs detected in the rice
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/note="Vector: pcMVSpORT6; Site 1: Sal1; Site 2: Not1;
/note="Vector: pcMVSpORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/lab_host="EMDH10B"
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/clone="024-024-M20"
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mol_type="mRNA"
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D., Wruck,W., Menze,A., O'Brien,J., Le
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.8; DB 1;
Pred. No. 1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0329 row: C column: 07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B.
University of Utah
University of Utah
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel
                                                                                                                                                                                                /lab_host="E. Coli strain XIIO-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="mRNA"
/cultivar="Nipponbare"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                             clone="UUGC1M0329C07"
                                                                                                                                                                                                                                                                                           sex="Male"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                          1M0329C07R Mouse 10kb plasmid UUGC1M l clone UUGC1M0329C07 R, genomic survey
                                                                                                                           Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
Biomedical Polymers Research Bldg., 20
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/clone_lib="lambda TriplEx2 rice
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mid UUGC1M library Mus musculus
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ende
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University of Utah
Rm. 308, Biomedical Polymers Research
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High quality sequence stop: 22.
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Unpublished (2000)
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AZ803482.1 GI:12955805
GSS.
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Insert Length: 10000 Std Error: 0.00
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801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
                                                                                                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                            /sex="Male"
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/clone="UUGC2M0063I23"
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Pred. No. 1.6
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AI157560/c
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Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T., Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M., Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B., Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and Waterston, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AI157560 22 bp mRNA ue5695.rl Soares mammary_gland NMLMG Mus IMAGE:1495160 5 similar to SW:SELP_MOUSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WashU-HHMI Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Lo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (1996)
Contact: Marra M/Mouse EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRECURSOR. [1];, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Trace considered overall poor quality
Possible reversed clone: similarity on wrong strand
Seq primer: -28ml3 rev2 ET from Amersham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MGI:932764
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: mouseest@watson.wustl.edu This clone is available royalty-free through LLNL _i contact the IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The WashU-HHMI Mouse EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      quality sequence stop: 1.
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               /clone lib="Soares mammary_gland_NMLMG"
/note="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; lst strand cDNA was prepared from mammary
gland tissue from a lactating female, and was then primed
with a Not I - oligo(dT) primer. Double-stranded CDNA was
ligated to Eco RI adaptors (Pharmacia), digested with Not
I and cloned into the Not I and Eco RI sites of the
modified pT7T3 vector. Library is normalized. Library
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
was constructed by Bento
                                                                                                                                                                                                                                                                                                 /mol_type="mRNA"
/db_xref="taxon:10090"
/clone="IMAGE:1495160"
                                                                                                                                                                                                                             /lab_host="DH10B"
                                                                                                                                                                                                                                             /sex="female (lactating)"
/tissue_type="mammary gland"
                                                                                                                                                                                                                                                                                                                                                                                                                         ocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
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Pred. No. 1.6e+02;
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  and M. Fatima
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear EST 30-SEP-1998 musculus cDNA clone P70274 SELENOPROTEIN P
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       Library
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Query Match Best Local Similarity

0.3%;

Score 14.6; DB 1; Pred. No. 1.6e+02;

Length 22

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RESULT 142
AG203045/c
LOCUS
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AI679260/c
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Trace considered overall poor quality
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D.,
Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17;
                                   AG203045.1 GI:45235220 GSS.
                                                                                sequence.
                                                                                                 Pan troglodytes DNA, clone: RP43-087A06.T7,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tumor Gene Index
Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 22)
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   troglodytes (chimpanzee) troglodytes
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                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:9606"
/clone="IMAGE:2255631"
/tissue_type="goorly differentiated adenocarcinoma with signet ring cell features"
/lab_host="DH10B"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                         /clome lib="NCI_CGAP Gas4"
/note="Organ: stomach; Vector: pCMV-SPORT6; Site 1: Sall;
Site 2: Notl; Cloned unidirectionally. Primer: Ōligo dT.
Average insert size 1.69 kb. Life Technologies catalog #:
                                                                                                                                                                                                                                                                                                                             11549-011"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Homo sapiens"
|mol_type="mRNA"
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Pred. No. 1.6e+02;
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                                                                                                    survey
                                                                                                                 GSS 06-MAR-2004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17; Conservative
                                                                                                                                              plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                           Mus musculus
                                   Fax: 801 585 7177
                                                  Tel: 801 585 5606
                                                                  84112,
                                                                                                                                                                                                                                                                                                                                                                            AZ636640
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sex="male"
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Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yussong-gu, Daejeon 305-333, Korea (B-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC Clones are derived from the chimpanzee BAC library RP-43 This BAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 (bases 1 to 22)
Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Park, H., Kim, Y., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Pa
Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C.,
BAC end sequences of Library RP-43
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     of clone tracking errors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  end was generated during the R&D process and may have higher chance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
                                                                                                                                                                                                                                                                                                                                                                 R.Site 1 : ECORI
R.Site 2 : ECORI
                                                                                                         /cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                           /mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-087A06.T7"
                                                                                                                                                                                                                                                                                                                                    location/Qualifiers
                                                                                                                                                                                                                                                                            organism="Pan troglodytes"
                          0.3%;
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: EcoRI
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                          Score 14.6; DB 1;
Pred. No. 1.6e+02;
Mismatches
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C., Song,W.
                                                    Length 22;
  Indels
0,
  Gaps
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30 bp DNA linear GSS 1: 1M0495P01R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0495P01 R, genomic survey sequence. AZ636640 Contact: Robert B. Weiss University of Utah Genome University of Utah Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 30) Mouse whole genome scaffolding with paired end Mus musculus (house mouse) AZ636640.1 GI:11758830 Biomedical Polymers Research Bldg., Center Duval, B., Hamil, C., 20 reads from 10kb . S 2030 ы , genomic SLC, Mus. S

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REFERENCE
AUTHORS
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AZ662785/c
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1M0542001F Mouse 10kb plasmid UL

clone UUGC1M0542001 F, genomic &

AZ662785

AZ662785.1 GI:11799931

GSS.
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 30.
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0542 row: O column: 01
                                                                                                                                                                                                                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 34)
                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                         University of Utah
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus (house mouse)
Mus musculus
                                                                                                                                                                                                                            Contact: Robert B.
                                                                                                                                                                                                                                                 Unpublished (2000)
                                                                                                                                                                                                                                                                           plasmid inserts
                                                                                                                                                                                                                                                                                                  Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                     308,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMSA2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                             USA
                                                                                                                                                  Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                   Genome Center
                                                                                                                                                                                                                            Weiss
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Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         genomic survey sequence.
                         Std Error: 0.00
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smid UUGC1M library Mus musculus genomic
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RESULT 145
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FEATURES
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Best Local
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                                                                                                                                                                                                                                                                                                            TITLE
                                                                                                                                                                                                                                                                                                                                                                                              AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CL519798 38 bp DNA linear GSS 02-APR-2004
SAI5B12 Flanking Sequence Tag of Oryza sativa T-DNA insertion lines
Oryza sativa (japonica cultivar-group) genomic, genomic survey
                                                                                                                                                                                                                                                                                                   1 (bases 1 to 38)
Sallaud,C., Gay,C., Larmande,P., Bes,M., Piffanelli,P., Piegu,B.,
Droc,G., Regad,F., Bourgeois,E., Meynard,D., Perin,C.,
Ghesquiere,A., Delseny,M., Glaszmann,J.C. and Guiderdoni,E.
High throughput T-DNA insertion mutagenesis in rice: A first step
                                                                                                                                                                                                                    towards in silico reverse genetics
Plant J. (2004) In press
Contact: Guiderdoni
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GSS.
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Class: plasmid ends
                    Email: emmanuel.guiderdoni@cirad.fr Class: TDNA tagged.
                                                                                 Tel: 33467615629
Fax: 33467615605
                                                                                                                                   TA 40/03 ave Agropolis 34398 Montpellier cedex 5 FRANCE
                                                                                                                                                                                             UMR PIA Biotrop program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CL519798
CL519798.1 GI:46146598
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Laboratory Mouse DNA Resource
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/mol_type="genomic רואם"
Location/Qualifiers
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/clone="UUGC1M0542001"
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/strain="CS7BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 69.0%;
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Pred. No. 2.8e+02;
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              38 bp DNA linear GSS 21-FEB-20(2M0184N24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0184N24 F, genomic survey seguence.
AZ871535
                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0184 row: N column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plasmid
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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801 585 7177
                                                                                                                                                                                                                                                                                                       quality sequence stop: 38.
Location/Qualifiers
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/cultivar="Nipponbare"
/db_xref="taxon:39947"
/clone_lib="Flantian"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Biomedical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (http://www.genoplante.org and
http://genoplante-info.infobiogen.fr)."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        determine the genomic sequence flanking the insertion.
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insertion lines"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Wector: PWD42nv; Purified genomic_DNA_from M.
musculus_C57BL/6J (male) was obtained_from_the_Jackson
                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                               sex="Male"
                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGC2M0184N24"
                                                                                                                                                                                                                                                   organism="Mus musculus"
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Pred. No. 2.8e+02.
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REFERENCE AUTHORS

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LOCUS
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Weisshaar B
ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Plant J.
22362189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (Dases 1 to 17)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BQ593528 17 bp mRNA linear ES S015525-024-026-I23-SP6 MPIZ-ADIS-024-developing root cDNA clone 024-026-I23 5-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Beta vulgaris
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       and Radelof, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beta vulgaris
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12472698
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   weisshaa@mpiz-koeln.mpg.de
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/cione_lib="MPIZ-ADIS-024-developing root"
/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Not1;
CDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource
                                                                                                              /tissue_type="developing root"
/lab_host="EMDH10B"
                                                                                                                                                                   /db_xref="GABI:193326"
/db_xref="taxon:161934"
/clone="024-026-I23"
                                                                                                                                                                                                                                                                                                        /organism="Beta vulgaris"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                           cultivar="KWS2320 (double haploid, monogerm breeding
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Pred. No. 2.8e+02;
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AJ595204
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                                                                                                                                                                                                                                                                                                                                                                                                      PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequence from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante.info.infobiogen.fr).
                                                                    l Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GSS; left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Arabidopsis thaliana
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pel
Leginiec, L., Caboche, M. and Lecharny, A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AJ595204
AJ595204.1 GI:37944828
GSS; left border; T-DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
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Arabidopsis thaliana T-DNA flanking
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                /note="T-DNA flanking sequence
                                                                                                                                                                                                                                                                       /organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassillewskija"
/db_xref="taxon:3702"
                                                                                                                                                                                                          clone_lib="Arabidopsis thaliana". . .18
                                                                                                                                                                                                                                                                                                                                                                                           ocation/Qualifiers
                                                                                       0.3%;
                                                                                                                                                                                                                                                       one="413C04"
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93.8%;
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Pred. No. 1.2e+02;
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sequence, left border, clone
                                                                                                              Length 18;
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                                                        Matches
                                                                           Query Match
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1332 ATTGAAGACAAGGTCA 1347
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Insert Length: 1000 Std Error: 0
Plate: 0084 row: K column: 23
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Unpublished (2000)
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19 bp DNA linear GSS 20-FEB-200200084K23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0084K23 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
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                                                        Conservative
                                                                                                                                                 Laboratory Mouse DNA Resources (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed Into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv; Purified genomic DNA from Imusculus C57BL/6J (male) was obtained from the Ja
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/strain="C57BL/6J"
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      clone="UUGC2M0084K23"
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                                                                           0.3%;
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                                                                                Score 14.4; DB 1;
Pred. No. 1.3e+02;
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ORGANISM
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                                                                                                                                Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0476 row: A column: 13
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmid inserts
Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mouse whole genome scaffolding with paired end reads from 10kb
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GSS.
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                                                                                                                             Similarity
                                               TIGGITCCAGGCTCTT 5050
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801 585 7177
                                                                                                       Conservative
                                                                                                                                                                                                (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sex="Male"
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                                                                                                                                93.8%;
                                                                                                                                                      0.3%;
                                                                                                    0;
                                                                                                                             Score 14.4; DB 1;
Pred. No. 1.4e+02;
                                                                                                    Mismatches
                                                                                                                                                   Length 20;
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                              269 CCTCTCTCTCTTTCTCTCT 287
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Insert Length: 10000 Std Error: (
Plate: 0231 row: A column: 01
Seg primer: CACACAGGAAACAGCTATGACC
1 CCTTTTTCTCTTTCTTTCT 19
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High quality sequence stop: 19.
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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19 bp DNA linear GSS 03
1M0231A01R Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0231A01 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unpublished (2000)
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Fax: 801 585 7177
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                                                                                                                             Similarity
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                                                                                                                                                                                               was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phsm42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sex="Male"
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                                                                                                                             Score 14.2;
Pred. No. 1.
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                                                  4624 GGAGTGAGACAAGGGCTCG 4642
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Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0521 row: C column: 15
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
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19 bp DNA linear GSS 14-DEC-20 1M0521C15R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0521C15 R, genomic survey sequence.
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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                                                                                                                                                                                                                               Laboratory Nouse DNA Resources (documents / dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gii4732114 [gb]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                 and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 strain="C57BL/6J"
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                                                                                                                                   Pred.
                                                                                                                                                         Score 14.2;
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                                                                                                                                No. 1.4e+02
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Fax: 801 585 7177
Fax: 801 585 7177
Insert Length: 10000 Std Error: CPlate: 0029 row: L column: 02
Seq primer: CACACAGGAAACAGCTATGACC
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Unpublished (2000)
Contact: Robert B.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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19 bp DNA linear GSS 16-FEB-200200029L02R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0029L02 R, genomic survey sequence.
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TGCTGACTATATCCCACAT 19
                                            TGCGGACTACATCCCCCAT 1841
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                                                                                                       Conservative
                                                                                                                                                                                                     (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWH2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                Score 14.2; DB 1;
Pred. No. 1.4e+02;
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RESULT 154 AZ858730

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AZ358730.1 GI:13052133
GSG.
Mus musculus (house mouse)
Mus musculus
                                                                                                                                   213 GAAAGCCGCGCAGCCGTG 231
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Insert Length: 10000 Std Error: 0.00
Plate: 0164 row: I column: 04
    CF317946
                                                                                                                                                                                                Similarity
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
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801 585 7177
                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Laboratory Mouse DNA Resource
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strain="C57BL/6J"
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                                                                                                                                                                                            84.2%;
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UUGC1M library Mus musculus genomic
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AUTHORS
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plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                       Mus musculus
                                                                                             Mouse whole genome
                                                                                                                                                                                                                                                                                                             AZ387816.1
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: 82 31 321 6355
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HD--07-N06.g1 OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD) Oryza sativa (japonica cultivar-group) cDNA clone
HD--07-N06, mRNA sequence.
CF317946
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Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 20)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003) Contact: Nahm B.H.
Genomics and Genetics Institute, of Bioscience and Bioinformatics, Lee, T.H., Shin, Y

GreenGene Biotech Inc.; Division , MyongJi University

bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr. Location/Qualifiers organism="Oryza sativa mol\_type="mRNA" (japonica cultivar-group)"

/note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression line." cDNA library (HD)" /dev\_stage="proliferated callus on 2N6 media for 2 weeks" /lab\_host="E.coli DH10B" /clone\_lib="OsHDAC1-overexpressing transgenic rice plasmid cultivar="Nackdong" /db\_xref="taxon:39947" tissue\_type="callus" clone="HD--07-N06"

Score 14.2; DB 1; Length 20, Pred. No. 1.5e+02; O; Mismatches 3; Indels <u>,,</u> Gaps

0

AZ387816 20 bp DNA linear GSS 0: 1M0147B22R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0147B22 R, genomic survey sequence. 02-OCT-2000

Mus musculus (house mouse)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 20)

reads

10kb

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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb
                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mus musculus (house mouse)
Mus musculus
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2M0107D03R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0107D03 R, genomic survey sequence.
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Insert Length: 1000 Std Err
Plate: 0147 row: B column: 2
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Fax: 801 585 7177
                                                                                                     Unpublished (2000)
                                                                                                                                plasmid inserts
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12, USA
308, Biomedical Polymers Research Bldg.,
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/mol_type="qenomic אמים
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/strain="C57BL/6J"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0107 row: D column: 03
Seq primer: CACACGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musiae; Musiaes 1 (bases 1 to 20)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                  plasmid inserts
Unpublished (2000)
                      University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AZ972315 20 bp DNA linear GSS 27-APR-200200246E09F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0246E09 F, genomic survey sequence.
  Rm. 308,
                                                                           Contact: Robert B.
                                                                                                                                                            Mouse whole genome scaffolding with paired end reads from 10kb
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AZ972315.1 GI:13843542
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sex="Male"
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CL668627

20 bp DNA linear GSS 09-JUL-2004
PRI0158b B03 - PRI0158b.B21 (20) Note: Recurring String Mixed stage
fosmid library of P. pacificus var. California Pristionchus
pacificus genomic, genomic survey sequence.
CL668627

CL668627.1 GI:50164189
                                                                                                                                                                                                                                                                                                                                                                                                                        GSS.
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Insert Length: 10000 Std Error:
Plate: 0246 row: E column: 09
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                       Max-Planck-Institute for Developmental Biology Spemannstr. 37-39, Tuebingen D-72076, Germany Tel: 00497071601371
                                                                                                                                                                       Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
                                                                                                                                                                                                                                            Srinivasan, J., Otto, G.W., AppaDB: an AcedB database
                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
                                                                                                                                                                                                                                                                                                                                                                     Pristionchus pacificus
Pristionchus pacificus
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Location/Qualifiers
                                                                                                                                                Evolutionary Biology
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TAGTGCGTGCCCGCGATTC 2
                                                                                                                                                                                                                                                                                            (bases 1 to 20)
l: ralf.sommer@tuebingen.mpg.de
library was generated at Caltech,
                                                00497071601498
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801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through (0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
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/strain="C57BL/6J"
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Pred. No. 1.5e+02;
0; Mismatches 3;
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                                                                                                                                                                                                                                                                  Kahlow, U.,
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Pasadena,
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JOURNAL COMMENT
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KEYWORDS
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BM148986/c
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Best Local :
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TCAAP2E5567 |
Baylor-HGSC |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sequence.
BM148986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Texas Children's Cancer Center and Human Genome Sequencing Center
at Baylor College of Medicine
1102 Bates, MC3-3320 Houston, TX 77030, USA
Tel: 832-824-4536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sequenced at Vancon
Seq primer: T7
Class: fosmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryola; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Fax: 832-825-4038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%;
Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    clones@txccc.org
Double-stranded cDNA was then digested with BamH1 and Xho and directionally cloned into the BamH1 and SalI sites of lambda pSB vector. Library went through one round for normalization. Library was constructed by Wei Yu at RIKEN of Japan (Carninci P, Westover A, Nishiyama Y, Ohsumi T, Itoh M, Nagaoka S, SasakiN, Okazaki Y, Muramatsu M,
                                                                                                                               /clone lib="Pediatric acute myelogenous leukemia cell (FAB MI) Baylor-HGSC project=TCAA"

/note="Vector: lambda pSB; Site_1: BamHI; Site_2: EcoRI;
First strand cDNA was primed with an anchored XhOI-oligo(dT) primer [5'GGAGGACTCGAGCGGCCGCAGGAGGT) VN XhOI-oligo(dT) primer [5'GGAGGACTCGAGCGGCCGCAGGAGGT) VN Y=A,C,G; N=A,C,G,T] and then G tailed. Second strand was primed with a BamHI-dC primer [5'AGAGGACTCGGATCCGCGCCGCAATAATAATAAT(C) 3'].
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                                                                                                                                                                                                                                                                                                                /tissue_type="leukopheresis"
/cell_type="myeloid cell"
/dev_stage="pediatric 6 years"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="TCAAP5567"
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/strain="California"
/db_xref="taxon:54126"
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Pediatric acute myelogenous leukemia cell (FAB M1)
project=TCAA Homo sapiens cDNA clone TCAAP5567, mRNA
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Pred. No. 1.5e+02;
0; Mismatches 3
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RESULT 161
AZ810272/c
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Insert Length: 10000 Std Error: (
Plate: 0074 row: O column: 12
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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GSS.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Clone UUGC2M0074012 R, genomic survey sequence.
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801 585 7177
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            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           clone="UUGC2M0074012"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          sex="Male"
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Pred. No. 1.7e+02;
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ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 21.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0534 row: G column: 12
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus
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1M0534G12R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
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16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ass: plasmid ends
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                     /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone="UUGC1M0534G12"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 mol_type="genomic
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sex="Male"
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Pred. No. 1
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chemically-competent E. coli XL10-Gold (Stratagene) cells

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SOURCE

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FEATURES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0165 row: J column: 19
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ender
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AZ860079
AZ860079.1 GI:13055041
GSS.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 [gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                             (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                               /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pw042nv; Purified genomic DNA from housculus C57BL/6J (male) was obtained from the Jac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Biomedical
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                  sex="Male"
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B012766-024-026-H12-SP6 MPIZ-ADIS-024-developing root Beta
CDNA Clone 024-026-H12 5-PRIME, mRNA sequence.
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Maeda,M., Williams,J.G., Takeuchi,I. and Tanaka,Y.
Manalyses of cDNAs from growth and slug stages of Dictyostelium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Mycetozoa; Dictyosteliida; Dictyostelium
1 (bases 1 to 39)
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Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
                                                            Herwig, R., Schulz, B., Wei
Drungowski, M., Stahl, D.,
                                                                                                                         Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheo Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
                                                                                                                                                                                            Beta vulgaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: hideko@biol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 81-298-53-4664
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Hideko Urushihara
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/strain="AX4"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /dev_stage="vegetative"
/clone_lib="VS"
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/clone="VSF759"
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                                                            Weisshaar, B., Hennig, S., Steinfath, D., Wruck, W., Menze, A., O'Brien, J.,
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Pred. No. 2.9e+02;
0; Mismatches 11
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                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright; D., Weiss, R.
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AZ410317.1 GI:10534330
GSS.
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Insert Length: 19 Std Error: 0.00
Plate: 26 row: H column: 12
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADIS DNA core facility at MPIZ
Max-planck-Institute for Plant Breeding Research
Carl-von-Line Weg 10, 50829 Koeln, Germany
                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (2000)
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                                   ddunn@genetics.utah.edu
                                                                                                                                                                               USA
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/clone lib="MPIZ-ADIS-024-developing root"
/clone lib="MPIZ-ADIS-024-developing root"
/note="Vector: pcMVSPORT6; Site 1: Sall; Site 2: Not1;
/note="Vector: pcmvSPORT6; Site 1: Sall; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
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/clone="024-026-H12"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                 University of Utah University of Utah Rm. 308, Biomedical
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Unpublished (2000)
Contact: Robert B.
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2M0099P16R Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC2M0099P16 R, genomic survey sequence.
                                                                              Tel: 801 585 5606
Fax: 801 585 7177
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GSS.
Plate:
                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
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                                                                                                                                                                                                                                                                                                        Mouse whole genome scaffolding with paired end reads from 10kb
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quality sequence stop: 19.
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                                                                                                                                  USA
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/mol_type="genomic DNA"
/strain="C578L/6J"
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/clone="UUGC1M0182L02"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0241 row: E column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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strain="C57BL/6J"
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Unpublished (2000)
Contact: Robert B.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 20)
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High quality sequence stop: 20.
Location/Qualifiers
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0004 row: D column: 10
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with TA DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMsv2 (gi[4732114]gb[R19072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                  USA
                                                                                                                                                                                                    Biomedical Polymers Research
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Laboratory Mouse DNA Resource
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            sex="Male"
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/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                   scaffolding with paired end reads from 10kb
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                                                                           Std Error: 0.00
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Jackson

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RESULT 170
BH000478/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     VERSION
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Best Local S
Matches 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        l Similarity 88.:
15; Conservative
                                                               Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Erro
Plate: 0288 row: C column: 2:
                                                                                                                                        84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BH000478 20 bp DNA linear GSS 27-APR-200200288C21F Mouse 10kb plasmid UUGC2M library Mus musculus genomic Clone UUGC2M0288C21 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 GGACTGAAGGAGCTGAA 20
                                         Plate: 0288 row: C column: 21
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      clone UUGC2M0288C21
BH000478
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                     Class: plasmid ends
                                                                                                                                                                                                               Rm.
                                                                                                                                                                                                                                                                                                       plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BH000478.1 GI:13871704
                                                                                                                                                                                                                                                                                                                                                   Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (bases 1 to 20)
                                                                                                                                                                                                               308,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                            Biomedical
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="UUGC2M0004D10"
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                                                                                                                                                                                                          Polymers Research Bldg.,
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Pred. No. 1.7e+02;
0; Mismatches 2;
                                                                                       Std Error:
                                                                                                                                                                                                                                                           Center
                                                                                            0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
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FEATURES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity 88.2%;
                                                     1862 CCAAGAGGACCCCCTGA 1878
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          genomic survey sequence. AL492631
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T. brucei
                 Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Trypanosoma brucei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Trypanosoma.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Trypanosoma brucei
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      339H11Q 20 bp I
brucei sheared genomic DNA clone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /strain="C57BL/6J"
/db_xref="-~"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="UUGC2M0288C21"
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Pred. No. 1.7e+02;
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DNA

linear

GSS 13-DEC-2000

Length 20; Indels

0

0

339h11, reverse sequence,

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RESULT 173
AZ371089
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AUTHORS
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                                                                                                                                          Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 0049 351 210 2620
Fax: 0049 351 210 1489
Email: tanaka@mpi-cbg.de
Plate: NT009B row: 10 c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Genome Biol. (2004) In press
Contact: Elly M. Tanaka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Habermann,B., Bebin,A.G., Herklotz,S., Volkmer,M., Eckelt,K., Pehlke,K., Epperlein,H.H., Schackert,H.K., Wiebe,G. and Tanaka,E.M. An Ambystoma mexicanum EST sequencing project: Analysis of 17,352 expressed sequence tags from embryonic and regenerating blastema
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CO790328 21 bp mRNA line NT009B E10 St18-22 Neural tube (NT) Ambystoma m similar to hypothetical protein, mRNA sequence. CO790328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ambystoma mexicanum (axolotl)
Ambystoma mexicanum
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Amphibia; Batrachia; Caudata; Salamandroidea; Ambystomatidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pfotenhauerstrasse 108,01307 Dresden,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Max Planck Institute of Molecular Cell Biology
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                                                                                                         TGCCCCTGCACGTGAAG 3299
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                                                                                                                                                                                                                                                   /tissue_type="Neural Tube, Notochord, Somites"
/cell_type="Includes Neural tube, notochord, somites"
/dev_stage="Stage_18-22"
/clone_lib="St18-22 Neural tube (NT)"
/note="Vector: pCMVSport6; Site_1: Not1; Site_2: Sall;
/unormalized_cDNA plasmid_librarry prepared by Invitrogen.
Size fractionated mRNA was polydT primed and cloned into
Not1-Sall site of pCMVSport6. Bacterial host is
                                                                                                                                                                                                                     EMDH10B-TONA. Average insert size is 1.5 kB. TAG_LIB=NT"
                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Ambystoma mexicanum"
/mol_type="mRNA"
/db_xref="taxon:8296"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Trypanosoma brucei"
/mol type="genomic DNA"
/strain="TREU927"
/db xref="taxon:5691"
/clone="339h11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ocation/Qualifiers
                                                                                                                                                               0.3%;
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                                                                                                                                                               Score 13.8; DB 1;
Pred. No. 1.8e+02;
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Pred. No. 1.7e+02;
0; Mismatches 2
                                                                                                                                               Mismatches
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                                                                                                                                                                              DB 1; Length 21;
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                                                                                                                                            Gaps
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             RESULT 174
AZ657753/c
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ACCESSION
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                                                                                               Matches
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         source
                                              267 CCCCTCTCTCTCTTCT 283
                                                                                               15; Conserv
4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error:
Plate: 0122 row: D column: 06
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
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AZ371089.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mus musculus
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clone UUGC1M0122D06 F, genomic
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                                                                                               Conservative
                                                                                                                                                                                       Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="mouse 10kb plasmid UUGCIM library" /notee="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                      AZ416392
                                                                                                      RESULT 175
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                 DEFINITION
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AZ416392 26 bp DNA linear was war-weight molein musculus genomic TM0191D07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Fax: 801 585 7177
Email: 801 6dunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0534 row: G column: 12
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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High quality sequence stop: 21.
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                                                                                                                                                                                                                                                                                                                               Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor ollgonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114|gb)AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone_lib="Mouse_10kb_plasmid_UUGC1M_library"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                               88.2%;
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                                                                                                                                                                                                                                                                                                                            Score 13.8; DB 1;
Pred. No. 1.8e+02;
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RESULT 176 BZ765029/c

DEFINITION

BZ765029 26 bp DNA linear GSS SALK 127976.21.20.x Arabidopsis thaliana TDNA insertion Arabidopsis thaliana genomic clone SALK\_127976.21.20.x,

GSS 13-MAR-2003

genomic

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ACCESSION
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                                                                                                     Matches
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Best Local Similarity
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                                              2817 GAAGGAAGTGAGGGGGAGCTGGTGG 2841
                                                                                                     18;
N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Exror: 0.00
Plate: 0191 row: D column: 07
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
Class: plasmid ends
Location/Qualifiers
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University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 26)
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Fax: 801 585 7177
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AZ416392
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                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynuclectide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|473214|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                                                                                                                                                          purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PMD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Biomedical Polymers Research Bldg., 20 S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    'sex="Male"
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                                                                                                                             0.3%;
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                                                                                                                                Score 13.8; DB 1;
Pred. No. 2.5e+02;
                                                                                                     Mismatches
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CO577545
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Medicine
Chang Gung University
259 Wenhwa 1st. Road, Kweishan,
Tel: +886 3 3283016 EXT5136
                                                                                                                                                                                                                                    Trichomonas vaginalis
Trichomonas vaginalis
Bukaryota; Parabasalidea; Trichomonada; Trichomonadida;
Trichomonadidae; Trichomonadinae; Trichomonas.
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TvEST079A09 Tv30236_PT cDNA Library
mRNA sequence.
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Shinn,P., Zimmerman,J. and Ecker,J.R.
A Sequence-Indexed Library of Insertion Mutations in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Joseph R. Ecker
Salk Institute Genomic Analysis Laboratory (SIGnAL)
The Salk Institute for Biological Studies
10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Arabidopsis Genome 
Unpublished (2001)
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                                                                            Contact: Tang, P.
Molecular Regulation and Bioinformatics
                                                                                                                                 Unpublished (2003)
                                                                                                                                                                       Zhou,Y., Shu,W.M., Huang,S.C.C., Huang,K.Y. and Tang,P. Analysis of Gene Expression Profile in Trichomonas vaginalis
                                                                                                                                                                                                                                                                                                                                                  CO577545
CO577545.1 GI:50407947
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone="SALK 127976.21.20.x"
/clone lib="Arabidopsis thaliana TDNA insertion lines"
/note="PCR was performed on Arabidopsis thaliana lines
each of which contains one or more TDNA insertion
elements. The resultant fragment for each line was
directly sequenced to determine the genomic sequence at
the site of insertion. Details of the protocols used can
be found at http://signal.salk.edu/tdna_protocols.html"
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.8; DB 1;
Pred. No. 2.5e+02;
0; Mismatches 2;
                        Taoyuan
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                                                                                     Laboratory, College
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`~~ H., Prednis,L.,
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                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error:
Plate: 0011 row: J column: 12
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
University of Utah
University of Utah
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 bp DNA linear GSS 2: 1M0011J12F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0011J12 F, genomic survey semience AZ308311
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                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: petang@mail.cgu.edu.tw
PCR PRimers
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                                                                                                                                                                                                                                    quality sequence stop: 20.
Location/Qualifiers
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clome lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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/db xref="taxon:5722"
/db xref="taxon:5722"
/cell line="ATCC30236"
/dev_stage="Trophozoites at mid-log phase"
/lab host="XL1 Blue-NRF'"
/clone_lib="Tv30236 PT cDNA Library"
/note="Vector: Lambda ZAP-Express (Stratagene); Site_1:
EcoRI; Site_2: XhoI"
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/clone="UUGC1M0011J12"
                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 1.8e+02;
0; Mismatches 4
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AZ447706/c
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Best Local Similarity
                                                                                                                                                                                                                                                  source
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                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0245 row: C column: 06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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AZ447706.1 GI:10599774
                                                                                                                                                                                                                                                                   High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                          Class: plasmid ends
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Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 University of Utah Genome Center University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGC1M library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackso. Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Biomedical Polymers Research Bldg.,
                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
(http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                           organism="Mus musculus"
                                                                                                                        'sex="Male"
                                                                                                                                             clone="UUGC1M0245C06"
                                                                                                                                                                 db_xref="taxon:10090"
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Pred. No. 1.8e+02;
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                                      from the Jackson
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymcleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel elettrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Length 20;

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi 4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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AZ626475/c
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                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erry
Plate: 0466 row: E column: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
                                                                                                                                                                                                                                                                                                             Class: plasmid ends
High quality sequence stop: 20.
                                                                                                                                                                                                                                                                                                                                                   Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mus musculus (house mouse)
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                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant, /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PMD42nv; Purified genomic DNA from musculus C57BL/6U (male) was obtained from the Ja Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a
                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                               organism="Mus musculus"
                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                                                                                                             'sex="Male"
                                                                                                                                                                    clone="UUGC1M0466E16"
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Pred. No. 1.8e+02;
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0038 row: F column: 15
Seg primer: CGTTGTAAAACGACGGCCAGT
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Nouse whole genome scaffolding with paired end reads from 10kb
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                     Biomedical Polymers Research Bldg.,
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA
                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                      clone="UUGC2M0038F15"
                                                                                                                                                                                                                                                                                                                  organism≃"Mus musculus"
                                                                                                                                                                                          sex="Male"
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Pred. No. 1.8e+02;
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AZ835025/c
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                                                                                                                                                                                                                                                                                                                                                                                                      Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0129 row: I column: 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ835025 20 bp DNA linear GSS 20 200129102F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0129102 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       84112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from musculus C57BL/6J (male) was obtained from the Jac Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0129I02"
                                                                                                                                                                                                                              sex="Male"
                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Std Error: 0.00
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SOURCE
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KEYWORDS
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AZ479185/c
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Best Local S
Matches 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                             source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0299 row: J column: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Class: plasmid ends
High quality sequence stop: 38.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1M0299J11R Mouse 10kb plasmid UUGCIM library Mu
clone UUGCIM0299J11 R, genomic survey sequence.
AZ479185
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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              Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
polynucleotide kinase. Adaptor oligonucleotides were
                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                           sex="Male"
                                                                                                                                                                                                                                                                                                    clone="UUGC1M0299J11"
                                                                                                                                                                                                                                                                                                                                 db xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
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Pred. No. 1.8e+02;
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COMMENT

TITLE

RESULT 185 BM395302

LOCUS DEFINITION

18 bp mRNA linear EST 17 50072-2-8-E01.r.1 Chilcoat/Turkewitz cDNA (large fraction) Tetrahymena thermophila cDNA, mRNA sequence.

EST 17-JAN-2002

ACCESSION

BM395302

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REFERENCE
AUTHORS
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BJ001599/c
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VERSION
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                                                                                     Matches
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Best Local
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                                          1593 GAAACAGAGAAGGAGAAGATCCTGCGGA 1620
28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           37 CAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kohara,Y., Shin-i,T., Kimura,T., Narita,T., Jindo,T. and Takeda,H. Medaka EST Project in Takeda's lab Unpublished (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BJ001599 MF01SSA cDNA Oryzias
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Center For Genetic Resource Information National Institute of Genetics 1111 Yata, Mishima, Shizuoka 411-8540,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Oryzias latipes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorpha; Acanthopterygii; Percomorpha; Atherinomorpha;
Beloniformes; Adrianichthyidae; Oryziinae; Oryzias.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 81-559-81-6856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Tadasu Shin-i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           вJ001599.1
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                                                                                                                                                                                                                                                                                                                                                                                          tshini@genes.nig.ac.jp
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              latipes (Japanese medaka)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil473214 gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                      /db_xref="taxon:8090"
/clone="MF01SSA009H08"
/sex="mixture of female and male"
/tissue_type="whole embryo"
/dev_stage="segmentation stage 20
/clone_lib="MF01SSA cDNA"
                                                                                                                                                                                                                                                                                                    /organism="Oryzias latipes"
/mol_type="mRNA"
/strain="Hd-rR"
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                                                                                                         0.3%;
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                                                                                                                                                                      stage="segmentation stage 20 -
le_lib="MF01SSA cDNA"
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                                                                                                         Score 13.6; DB 1; Pred. No. 2.7e+02;
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                                                                                     Mismatches
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0490 row: P column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                          University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Resu
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1M0490P03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0490P03 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                          Contact: Robert B.
                                                                                                                                                                                                                                                                                           Unpublished (2000)
                                                                                                                                                                                                                                                                                                                     plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ634666.1 GI:11756856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: apturkew@midway.uchicago.edu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hymenostomatida;
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quality sequence stop: 19
Location/Qualifiers
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773 702 3172
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801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /db_xref="taxon:5911"
/clone lib="chilcoat/Turkewitz cDNA (large fraction)"
/clone lib="chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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/mol_type="mRNA"
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Pred. No. 1.5e+02;
                                                                                                      Std Error: 0.00
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VERSION
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Best Local
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AJ666323
                                                                                                                                                     Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
v0.020425.c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1:
ECORI R. Site 2: NotI Description: Normalised library constructed
from pooled tissue from day 30 placentas. Clones available from UK
Centre for Functional Genomics in Parm Animals, Roslin Institite,
Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Anderson SI
Genomics and Bioinformatics
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                                                                                                                                                                                                                                                                                                                                                                                        Roslin Institute
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Anderson, S.I., Finlayson, H.A. and Archibald, A.L. Development of cDNA and EST resources for studyi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; 1 (bases 1 to 20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sus scrota (pig)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymicleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 bp mRNA linear EST 28-
CSEQRAN09 Sus scrofa cDNA clone C0000033_J06, mRNA
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/mol_type="mRNA"
/db_xref="taxon:9823"
/clone="C0000033_J06"
/tissue_type="placenta"
                                                                                                     organism="Sus scrofa"
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
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Matches 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0080 row: K column: 15
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 CAGGACACAGGTGTC 15
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 24)
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AZ345870.1 GI:10425107
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
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             musculus C57BL/60 (maie) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
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/note="Vector: pBlueScriptII(KS+); Site_1: EcoRI; Site_2:
NotI; Single pass sequencing. Normalised library
constructed from pooled tissue from day 30 placentas."
with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                             clone="UUGC1M0080K15"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
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RESULT 190 AA934650 LOCUS

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CN750241
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2376 GAGAGGAGGAGCAGAAG 2393
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Acyrthosiphon pisum
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Aphidiformes;
Neoptera; Paraneoptera; Hemiptera; Sternorrhyncha; Aphidiformes;
Aphidoidea; Aphididae; Macrosiphini; Acyrthosiphon.

1 (bases 1 to 18)
Hunter, W., Martinez-Torres, D., Rahbe, Y., Sabater-Munoz, B.,
Stern, D., Tagu, D. and Wincker, P.
An expressed sequence tags database for the pea aphid Acyrthosiphon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          pisum
Unpublished (2004)
Contact: D. Tagu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FORWARD: GCCGCATAACTTCGTATAGCA
Plate: VIII row: C column: 12.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               UMR BiO3P, BP 35327, F-35653 Le Rheu Cedex France Tel: +33.2.23.48.51.65
Fax: +33.2.23.48.51.50
Risk of contamination by bacterial sequences from obligatory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CN750241
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ApDT-VIII-C12 ApDT Acyrthosiphon pisum
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                                        Conservative
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                                                                                                                        /clone_lib="ApDT"
/note="Vector: pNNR-LIB; Site_1: SfiIA; Site_2: SfiIB;
/note="Vector: pNNR-LIB; Site_1: SfiIA; Site_2: SfiIB;
Sample name: ApDT ; Plant growth place: UMR INRA-INSA BF2I
; Sowing date: 03/04/2003; Harvesting date: 12/06/2003;
Description: Long photoperiod 16-hr 1ight/8-hr dark at 20
C; no overcrowding; grown on Vicia faba 3-wk old seedlings
sown under non sterile condition.; experimental
condition: standard, see description"
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                                                                                                                                                                                                                                                                                                       /db_xref="taxon:7029"
/clone="ApDTVIIIC12"
/tissue_type="digestive track"
/tev stage="adults, parthenogenetic females"
/lab_host="TOP10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Acyrthosiphon pisum"
                                                                                                                                                                                                                                                                                                                                                                                                                  'mol_type="mRNA"
'cultivar="inra-lyon-bf2i ll01"
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Pred. No. 1.6e+02;
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A clone ApDTVIIIC12
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TITLE
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Best Local Similarity
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AI149192
                                                                                                                                                                                                                                                             19 bp mRNA linear EST 28-OC qC76d09.x1 Soares placenta 8tc9weeks 2NbHP8tc9W Homo sapiens clone IMAGE:1715537 3' similar to TR:(33949 Q39949 HydroxyproLine-RICH PROTEIN.; contains element TAR1 repetitiv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Emmert-Buck, M.D., Ph.D.

CDNA Library Preparation: M. Bento Soares, Ph.D.

CDNA Library Arrayed by: Greg Lennon, Ph.D.

CDNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html
                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-romail.nih.gov
Tissue Procurement: Christopher A. Moskaluk, M.D.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 19)
                       NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy
                                                                                                                                   Homo sapiens
                                                                                                                                                                                                   AI149192.1 GI:3677661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Trace considered overall poor quality Seq primer: -40ml3 fwd. ET from Amersham
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National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens
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AA934650.1 GI:3091862
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    Tumor Gene Index
                                                                                                                                                       Homo sapiens (human)
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                                                                                                                                                                                                                                          ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /Clone lib="NCI CGAP GC4"
//Clone lib="NCI CGAP GC4"
//note="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; 1st strand cDNA was prepared from 3 pooled
germ cell tumors, and was then primed with a Not I -
oligo(dT) primer. Double-stranded cDNA was ligated to Eco
RI adaptors (Pharmacia), digested with Not I and cloned
into the Not I and Eco RI sites of the modified pT7T3
vector. Library is normalized. Library was constructed by
Bento Soares and M. Fatima Bonaldo. "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1571635"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /tissue_type="pooled germ cell tumors"
/lab_host="DH10B"
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Pred. No. 1.8e+02;
Pred. No. 1.8e+02;
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                    Project (CGAP),
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Hillier, L., Allen, M., Bowles, L., Dubuque, T., Geisel, G., Josi
Krizman, D., Kucaba, T., Lacy, M., Le, N., Lennon, G., Marra, M.,
Martin, J., Moore, B., Schellenberg, K., Steptoe, M., Tan, F.,
Theising, B., White, Y., Wylie, T., Waterston, R. and Wilson, R.
WashU.NCI human EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AI581717 19 bp mRNA linear EST 06 ar74d08.x1 Barstead aorta HPLRB6 Homo sapiens cDNA clone IMAGE:2128335 3' similar to TR:000599 000599 CON1. ;, mRNA
                                                                                This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Possible reversed clone: similarity on wrong strand Seq primer: -40UP from Gibco
                                                                                                                                                                                            Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                             Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                           Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                             Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 19)
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Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sapiens
                                                              quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and M.Fatima Bonaldo."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
                                         Location/Qualifiers
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Pred. No. 1.8e+02;
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EST 06-APR-1999

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RESULT 193
AI624451
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Best Local Similarity
Matches 15; Conserv
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Life Technologies catalog #: 11548-013
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.B. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       te29h11.x1 NCI CGAP Pani Homo sapiens cDNA clone IMAGE:2230053 3' similar to TR:\(\overline{Q}\)39949 HYDROXYPROLINE-RICH PROTEIN. ;contains MER22.tl MSR1 repetitive element ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                      Insert Length: 1123 Std Eri
Seq primer: -40UP from Gibco
                                                                                                                                                                                                                                                                                                                                          Trace considered overall poor quality Insert Length: 1123 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)
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AI624451.1 GI:4649382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note="Organ: pancreas; Vector: pCMV-SPORT6; Site 1: SalI; Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT. Average insert size 1.72 kb. Life Technologies catalog #:
                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Barstead."
                                                     11548-013"
                                                                                                                        /clone="IMAGE:2230053"
/tissue_type="adenocarcinoma"
/lab_host="DH108"
/clone_lib="NCI_CGAP_Pan1"
                                                                                                                                                                                                                                                                      location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="IMAGE:2128335"
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0.3%;
83.3%;
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Pred. No. 1.8e+02;
Score 13.2; DB 1;
Pred. No. 1.8e+02;
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CF281784
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REFERENCE AUTHORS

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SOURCE ORGANISM KEYWORDS

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Query Match
Best Local S
Matches 15
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                                                                                                                                               CP281784 19 bp mRNA linear EST 14-AUG-2003
14ETL--08-P18.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--08-P18,
                                                                                                                                                                                                                                                                                                                                                                                                                                  l Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert Strausberg, Ph.D.

Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.

Emmert-Buck, M.D., Ph.D.

cDNA Library Preparation: Life Technologies, Inc.

cDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html
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19 bp mRNA linear EST 14-DEC-1999 te655909:X1 NCI CGAP Kid8 Homo Sapiens CDNA clone IMAGE:2233504 3' similar to TR:Q39949 GONAYPROLINE-RICH PROTEIN. ;contains MER22:tl MSR1 repetitive element ;, mRNA sequence.
EST.
Oryza sativa (japonica cultivar-group)
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Seq primer: -40UP from Gibco
High quality sequence stop: 1
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1 (bases 1 to 19)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                              CF281784.1
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Unpublished (1997)
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                                                                                                                                sequence.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone lib="NCI CGAP Kid8"
/note="Organ: kIdney; Vector: pCMV-SPORT6; Site_1: Sall;
/ite_2: NotI; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.2 kb. Life Technologies catalog #:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2233504"
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/lab_host="DH108"
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Pred. No. 1.8e+02;
0; Mismatches 3
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0218 row: L column: 14
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ432757
AZ432757.1 GI:10556770
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19 bp DNA linear GSS 0:
1M0218L14F Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0218L14 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Oryza sativa (japonica cultivar-group)
                                                                                                                                                                    University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     of Bioscience and Bioinformatics, Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                         Contact: Robert B.
                                                                                                                                                                                                                        Unpublished (2000)
                                                                                                                                                                                                                                             plasmid inserts
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                                                                                                                                                       308,
                                                                                            801 585 5606
801 585 7177
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82 31 321 6355
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                                                                                                                                    USA
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Vector: pCR4-TOPO;
with oligoribonucleotides
RT-PCR."
                                                                                                                                                     Biomedical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /tissue_type="leaf"
/dev_stage="14 days after germination"
/dev_stage="14 days after germination"
/clone_lib="Rice etiolated leaf plasmid cDNA library
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Oryza sativa (japonica cultivar-group)"
mol_type="mRNA"
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                                                                                                                                                                                        Genome Center
                                                                                                                                                                                                           Weiss
                                                                                                                                                 Polymers Research Bldg.,
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Pred. No. 1.8e+02;
                                                         Std Error: 0.00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                bhnahm@bio.myongji.ac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Site 1: EcoRI; mRNA was capped and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1;
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                                                                                                                                                                                                                                                                                TITLE
                                                                                                                                                                                                                                                                                                                                                         AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM
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Best Local S
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0

Indels

0

Gaps

0

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High quality sequence stop: 19.
Location/Qualifiers
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(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               clone="UUGC1M0218L14"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
                                0.3%;
Score 13.2; DB 1;
Pred. No. 1.8e+02;
0; Mismatches 3
                                                                        DB 1;
                                                                Length 19;
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Unpublished (2000) Contact: Robert B. W University of Utah C University of Utah 19 bp DNA linear GSS 13-DEC-200 1M0390D06R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0390D06 R, genomic survey sequence A2585367 Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0390 row: D column: 06
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose, R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19) Mouse whole genome scaffolding with paired High quality sequence stop: 19 Tel: 801 585 5606 Fax: 801 585 7177 plasmid inserts Mus musculus (house mouse) CCTCTCCCTCTCCCTCTC 2 Biomedical Polymers Research Bldg., 20 GI:11707178 Genome Weiss Center end reads from S. 2030 E., SLC, GSS 13-DEC-2000 Ę

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SOURCE
ORGANISM
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AZ596312/c
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Best Local
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                                                                  84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0409 row: D column: 04
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                    Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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AZ596312.1 GI:11718502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
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19 bp DNA linear GSS 13
1M0409D04R Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC1M0409D04 R, genomic survey sequence.
                  Class: plasmid ends
High quality sequence stop: 19.
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                                                                                                                                                                                                                                                                                                                                                                                  plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAD2 (gi|4732114|gb|AF1290721), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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/Clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector; PW942nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
Location/Qualifiers
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/strain="C57BL/6J"
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Pred. No. 1.8
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                                                                                                                                                                                                                                                      2030 E.,
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source
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REFERENCE
AUTHORS
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VERSION
KEYWORDS
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AZ771304/c
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                               JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rockes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                             plasmid inserts
Unpublished (2000)
                                                                                                                                                                                       84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ771304 19 bp DNA linear GSS 16-FEB-200
1M0573D22F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0573D22 F, genomic survey sequence.
High quality sequence stop: 19.
Location/Qualifiers
                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0573 row: D column: 22
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
                                                      Class: plasmid ends
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                                                                                                                                                                                                                                                                    Biomedical Polymers Research Bldg., 20 S.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0409D04"
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Pred. No. 1.8e+02;
0; Mismatches 3;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Roke, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SSD
                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0064 row: O column: 07
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                  plasmid inserts
Unpublished (2000)
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                                                                     lass: plasmid ends
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                                               quality sequence stop: 19.
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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                   Location/Qualifiers
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/strain="C57BL/6J"
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Pred. No. 1.8e+02;
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organism="Mus musculus"

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                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0164 row: F column: 24
Seg primer: CGTTGTAAAACGACGGCCAGT
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15; Conserv
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                            High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                Class: plasmid ends
                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                       84112,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              plasmid inserts
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/organism="Mus musculus"
/mol_type="genomic DNA"
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/strain="C57BL/6J"
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/db\_xref="taxon:10090" /clone="UUGC2M0164F24"

/strain="C57BL/6J"

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Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        pacificus genomic, genomic survey sequence. CL668627 CL668627.1 GI:50164189
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                                                                                                                                                                                                                                                                                             Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech, Pasadena, USA and end
sequenced at Vancouver, Canada.
                                                                                                                                                                                                                                                                                                                                                                                                            Evolutionary Biology Max-Planck-Institute for Developmental Biology Spemannstr. 37-39, Tuebingen D-72076, Germany Tel: 00497071601371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pristionchus pacificus
Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
                                                                                                                                                                                                                                                                       Seq primer:
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                                                                                                                                                                                                                                                Class: fosmid ends.
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                                                                                                                                                                                                                                                                                                                                                                                     00497071601498
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi |4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                            var. California"
                                                                                                           organism="Pristionchus pacificus"
/mol_type="genomic DNA"
/strain="California"
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                                                        clone_
                                                                                                                                                                                                                 ocation/Qualifiers
                                                                                  db_xref="taxon:54126"
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                                                     lib="Mixed stage fosmid library of P.
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Pred. No. 1.8e+02;
pEpifos-5
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  Fosmid vector"
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RESULT 204 AZ313204/c

DEFINITION

AZ313204 20 bp DNA linear GSS 29-SEP-200 1M0029P19F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0029P19 F, genomic survey sequence.

GSS 29-SEP-2000

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BF966452/c
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KEYWORDS
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Best Local Similarity
                                                                                                   Query Match
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                                                                                   Local Similarity
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B 1 (bases 1 to 20)

National Institutes of Health, Mammalian Gene Collection (MGC)

National Institutes of Health, Mammalian Gene Collection (MGC)

Nupublished (1999)

On Jan 16, 2001 this sequence version replaced gi:12333667.

Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: Miklos Palkovits, M.D., Ph.D.

CDNA Library Preparation: Michael J. Brownstein (NHGRI), Shiraki CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

TOShiyuki and Piero Carninci (RICN)

CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Incyte Genomics, Inc.

Clone distribution: MGC clone distribution information can be found through the I M.A.G.E. Consortium (LLNL)
                              3745 ccececcceecrececr 3762
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18
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   http://image.llnl.gov
Plate: LLAM10041 row: d column:
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BF966452
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602287066F1 NIH_MGC_95 Homo sapiens cDNA clone IMAGE:4375648
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
CCGCGCACCGACTCCGCT
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                                                                 Conservative
                                                                                                                                /db xref="taxon:9606"
/clone="IMAGE:4375648"
/tissue_type="hippocampus"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                  organism="Homo sapiens".
/mol_type="mRNA"
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Pred. No. 1.9e+02;
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Pred. No. 1.9e+02;
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AZ313204.1
GSS.
            AZ398062
1M0163M14F Mouse 10kb plasmid
clone UUGC1M0163M14 F, genomic
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0029 row: P column: 19
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia;
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                                                                                                                                                                                                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNB42 (gi |4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/Clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWP42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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'strain="C57BL/6J"
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Pred. No. 1.9e+02;
                    genomic survey sequence.
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                                        UUGCIM library Mus musculus genomic
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1M0233K14R Mouse 10kb plasmid
clone UUGCIM0233K14 R, genomic
AZ436192
AZ436192.1 GI:10560205
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Insert Length: 10000 Std Error:
Plate: 0163 row: M column: 14
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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GSS.
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMDA2 (gi|4732114|gb|Apř129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 1
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                                                                                                                                                                       RESULT 207
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ORGANISM
KEYWORDS
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                                                                    AZ475852

1M0294A18F Mouse 10kb plasmid clone UUGC1M0294A18 F, genomic
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Mue
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AZ475852.1 GI:10633977
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Location/Qualifiers
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Insert Length: 10000 Std Error: (
Plate: 0233 row: K column: 14
Seq primer: CACACAGGAAACAGCTATGACC
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Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                           haboratory Mouse DNA Resources (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNPJ42 (gi|473214|gb|AFI29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/Clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pw042nv, purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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/strain="C57BL/6J"
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Pred. No. 1.9e+02;
0; Mismatches 3;
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                                                                    genomic survey sequence.
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ACCESSION VERSION KEYWORDS

AZ595071 AZ595071.1 GI:11717261 GSS. Mus musculus (house mouse)

DEFINITION

AZ595071

1M0407020F Mouse 10kb plasmid UUGCIM library Mu clone UUGC1M0407020 F, genomic survey sequence.

UUGCIM library Mus

musculus

genomic

GSS 13-DEC-2000

DNA

SOURCE

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RESULT 208
AZ595071/c
LOCUS
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Nouse whole genome scaffolding with paired end reads from 10kb Nouse whole genome scaffolding with paired end reads from 10kb
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Mus musculus
Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota, Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus
1 (bases 1 to 2)
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High quality sequence stop: 20.
Location/Qualifiers
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Unpublished (2000)
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Insert Length: 10000 Std Error:
Plate: 0294 row: A column: 18
Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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USA
                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                     /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0294A18"
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Pred. No. 1.9e+02
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                                           KEYWORDS
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Best Local :
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  Mus musculus (house mouse)
Mus musculus
                                              GSS.
                                                                                                       AZ809952 20 bp DNA line 2M0074007F Mouse 10kb plasmid UUGCIM library Muclone UUGC2M0074007 F, genomic survey sequence.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0407 row: O column: 20
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                                                                     AZ809952.1 GI:12976731
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                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                        musculus CSTBL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNsmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 1.9e+02;
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                         Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                           Mus musculus (house mouse)
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Seq primer: CGTTGTAAAACGACGGCCAGT
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Insert Length: 10000 Std Error:
Plate: 0074 row: O column: 07
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Fax: 801 585 7177
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                                                                                  was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt end-stifed and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pDNA2 (gi|473214|gb|AFT29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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/clone="UUGC2M0074007"
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/strain="C57BL/6J"
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1756 CCCCCCCTCCCAAGAAGA 1773
AZ938721 20 bp DNA linear GSS 20 200197H21F Mouse 10kb plasmid UUGC2M library Mus musculus clone UUGC2M0197H21 F, genomic survey sequence.
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                                                                                                                                                                                                                   0.3%;
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                                                                                                                                                                                                    Score 13.2; DB 1;
Pred. No. 1.9e+02;
0; Mismatches 3
                                           GSS 26-APR-2001
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AUTHORS
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15; Conserv
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Insert Length: 10000 Std Error:
Plate: 0197 row: H column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
Arabidopsis thaliana (thale cress) Arabidopsis thaliana (thale cress) Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
                                                                                        AJ593450.1 GI:37943074
GSS; left border; T-DNA flanking sequence
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                                                                                                                                                                           AJ593450 20 bp [Arabidopsis thaliana T-DNA flanking
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                      AJ593450
                                                                                                                                                             380F06,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished (2000)
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801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|473214|gb|AF7129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
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                                                                                                                                                           genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab host="E. coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGC2M library" /note="Vector: PW92ny; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/mol_type="qenomic DNA"
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
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Pred. No. 1.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                DNA linear GSS 15-JAN-2
sequence, left border, clone
                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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AZ652627
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Matches 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     325 CGCAGCTCAGTTTCCTTT 342
                                                                                                                                                                                                                            Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads
                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
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EMBO Rep. 3 (12), 1152-1157 (2002)
22363535
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T-DNA integration into the Arabidopsis genome depends on sequences
                                                                                                                                                                        plasmid inserts
Unpublished (2000)
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22 bp DNA linear GSS 14-DEC-200
1M0525K24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0525K24 R, genomic survey sequence.
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Balzergue, S.
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Tel: 801 585 5606
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/mol_type="genomic DNA"
/cultivar="Wassillewskija"
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Pred. No. 1
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ORGANISM
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Best Local
                                                                                                                                                                                                                                                                                                                              AUTHORS
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                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 36)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                       84112,
Tel: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AZ387862 36 bp DNA linear GSS 02-OCT-20010147M22R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0147M22 R, genomic survey sequence.
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Location/Qualifiers
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Insert Length: 10000 Std Error: (
Plate: 0525 row: K column: 24
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                              University of Utah Genome Center University of Utah
                                                                                                                                                   Contact: Robert B.
                                                                                                                                                                        Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus
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801 585 7177
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                                            USA
                                                                       Biomedical Polymers Research Bldg.,
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/Clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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strain="C57BL/6J"
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Pred. No. 2.
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AV673727/c
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                                                                                                      FEATURES
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Best Local (
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                                                                                                                                                   Kyoto University
Sakyo-ku, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 39)
Satoh, N., Satou, Y., Kohara, Y. and Shin-i, T.
Expressed genes in Ciona intestinalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AV673727
AV673727 Nori Satoh unpublished cDNA library Ciona intestinalis cDNA clone citb1510 5', mRNA sequence.
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High quality sequence stop: 36.
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Plate: 0147 row: M column: 22
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                  Contact: Nori Satoh
Department of Zoology
                                                                                                                                                                                                                                                                                                Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona; Phlebobranchia; Cionidae; Ciona.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ciona intestinalis
                                                                                                      Ciona intestinalis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity 61.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6U (male) was obtained from the Jackson Laboratory Mouse DNA Resource
/organism="Ciona intestinalis"
/mol_type="mRNA"
/db_xref="taxon:7719"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0147M22"
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Pred. No. 3.1e+02
0; Mismatches 1:
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JOURNAL COMMENT
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Best Local S
Matches 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Imail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: G column: 12
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ345792

19 bp DNA linear GSS 29-SEP-20
1M0080G12R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0080G12 R, genomic survey sequence.
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GSS.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus (house mouse)
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Location/Qualifiers
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pND42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/dev_stage="tailbud"
/clone_lib="Nori Satoh unpublished cDNA library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/mol_type="qenomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
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RESULT 217

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AJ587895/c
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Submitted (23-0CT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue

Submitted (23-0CT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue

Gaston Cremieux, 91057 Evry cedex, FRANCE

PCR was performed on DNA from transformants of Arabidopsis thaliana

plants from INRA (Versailles). The DNA fragment(s) resulting from

the PCR were directly sequenced from the left or the right border

to determine the genomic sequence flanking the insertion. T-DNA

derived sequences were removed. Information to order the

corresponding mutant line and a link to a database providing a

graphical display of the insertion site are available at

http://dbsgap.versailles.inra.fr/publiclines/. This sequence has

been generated in the framework of the French plant genomics

program 'Genoplante' (http://www.genoplante.com and

http://genoplante-info.infobiogen.fr).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1754 ¢G¢¢¢¢¢¢¢¢¢¢ 1766
                                                                            2165 AAACCAAAACTAT 2177
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13 AAACCAAAACTAT 1
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GSS; left border; T-DNA flanking sequence.
GSS; left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Enabryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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T-DNA integration into the Arabidopsis genome depends on sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Balzergue, S.
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EMBO Rep. 3 (12), 1152-1157 (2002)
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                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                    /note="T-DNA flanking
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /cultivar="Wassillewskija"
/db_xref="taxon:3702"
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/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                              left border"
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L00.0%; Pred. No. 1.9e+02;
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COMMENT

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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)

Contact: Nahm B.H.
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7LEAF--07-K06.gl Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--07-K06, mRNA
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike
M.D., Louis M. Staudt, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
                                                                                                             Unpublished (1997)
                                                                                                                                                NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy
                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 40)
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similar to TR:000145 000145 SH
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EST.
                                                                                                                                                                                                                                         Homo sapiens
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Oryza sativa (japonica cultivar-group)"
/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="7LEAF-_07-K06"
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                    40 bp
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                                                                                                                                                                                                                                                                                                                                               bp mRNA linear EST 06-AUG-1998
sapiens cDNA clone IMAGE:1671081 3'
H2 CONTAINING INOSITOL-5-PHOSPHATASE.
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a; Poales; Poaceae;
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                                                                                                                                                                                        ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                 Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet g Plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                             Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lekand Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BQ591682 16 bp mRNA linear E012616-024-017-A01-SP6 MPIZ-ADIS-024-storage root cDNA clone 024-017-A01 5-PRIME, mRNA sequence.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-GAP clone distribution information can be found through the I.M.A. G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
                                                                                                    Insert Length: 16 Std Error: 0.00
Plate: 17 row: A column: 01
Seg primer: SP6; CATACGATTTAGGTGACACTATAG.
                                                                                                                                                                                                                                                                     Contact: Weisshaar B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Beta vulgaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BQ591682
BQ591682.1 GI:26121265
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                                                                                                                                                                Email: weisshaa@mpiz-koeln.mpg.de
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Beta vulgaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                            (bases 1 to 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KW82320 (double haploid, monogerm
                                                                                   Location/Qualifiers
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/lab_host="DH10B"
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                                                                  14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 18)
Alkharouf,N.W., Khan,R. and Matthews,B.F.
Analysis of expressed sequence tags from roots of resistant soybean infected by the soybean cyst nematode
Unpublished (2002)
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CA853355
CA853355.1 GI:33390148
EST.
Glycine max (soybean)
Glycine max
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Soybean Genomics and Improvement Laboratory (SGIL) US Department of Agriculture (USDA), ARS, PSI Bldg.006, Rm 118, 10300 Baltimore Ave., Beltsville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             alkharon@ba.ars.usda.gov
Location/Qualifiers
                                                                                                                                                                       /tissue_type= Noully /tissue_t
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//lab_host="RMDH10B"
/clone_lib="MPIZ-ADIS-024-storage root"
/clone_lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site_1: Sall; Site_2: Not1;
/note="Vector: pCMVSPORT6; Site_1: Jibrary provided by KWS
/cDNA library from sugar beet, library provided by KWS
/cDNA library from sugar beet, library provided by KWS
/Kleinwanzlebener Sastzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sall-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Glycine max"
/mol_type="mRNA"
/cultivar="Peking"
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/clone="B07C12"
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/db_xref="taxon:161934"
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                                                                                              Score 12.8; DB 1;
Pred. No. 1.8e+02;
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This is the 5' sequence of the clone insert Clone from S. Wiemann,
Molecular Genome Analysis, German Cancer Research Center (DKFZ);
Email s.wiemann@dktz-heidelberg.de; sequenced by GBF (National
Research Centre for Biotechnology Ltd., Braunschweig/Germany)
within the cDNA sequencing consortium of the German Genome Project.
This clone (DKFZp468N1017) is available at the RZPD in Berlin.
Please contact the RZPD: Ressourcenzentrum, Heubnerweg 6, 14059
Berlin-Charlottenburg, GERMANY; Email: clone@rzpd.de Further
information about the clone and the sequencing project is available
at http://mips.gsf.de/projects/cdna/.
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                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP);
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DKFZp468N1017 rl 468 (synonym: phrtl) Pongo
DKFZp468N1017 5', mRNA sequence.
Unpublished (1997)
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1 (bases 1 to 18)
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/mol_type="mRNA"
/db_xref="taxon:9600"
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/note="Vector: pSport1_Sfi; Site_
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/dev_stage="adult"
/lab_host="DH10B"
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Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL; contact the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AA954509 19 bp mRNA linear EST 23-JU on81d05.sl Soares NFL T GBC S1 Homo sapiens cDNA clone IMAGE:1563081 3 similar to TR:Q24035 Q24035 ENA POLYPEPTIDE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CCCAGGCCCCGGGGGC 16
                                                                                                                                                                                                                                     This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Insert Length: 754 Std Error: 0.00 Seq primer: -40ml3 fwd. ET from Amersham High quality sequence stop: 1.
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Trace considered overall poor quality
Insert Length: 754 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D. Email: cgapbs-r@mail.nih.gov
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1 (Dases 1 to 19)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tumor Gene Index
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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//Clone lib=Soares NFL T_GBC_S1"
//note="Organ: pooled; Vector: p77T3D-Pac (Pharmacia) with
/note="Organ: pooled; Vector: p77T3D-Pac (Pharmacia) with
a modified polylinker; Site 1: Not I; Site 2: Eco RI;
Equal amounts of plasmid DNA from three normalized
libraries (fetal lung NbHL19W, testis NHT, and B-cell
NCI_CGAP_GCB1) were mixed, and ss circles were made in
vitro. Following HAP purification, this DNA was used as
tracer in a subtractive hybridization reaction. The driver
was PCR-amplified cDNAs from pools of 5,000 clones made
from the same 3 libraries. The pools consisted of
I.M.A.G.E. clones 297480-302087, 682632-687239,
726408-728711, and 72996-731399. Subtraction by Bento
Soares and M. Fatima Bonaldo. "
                                                                       /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/db_xref="IMAGE:1563081"
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                                                                                                                                                                                                               location/Qualifiers
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87.5%;
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COMMENT

TITLE

RESULT 225 CO792214/c LOCUS

DEFINITION

CO792214

NT014C\_A10 St18-22 Neural tube (Note in the Note in the

(NT) Ambystoma mexicanum cDNA 5'

EST 05-AUG-2004

mRNA sequence

ACCESSION

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441 CCTCCGCTCCCCTCGG 456

4 CCTCTGCTCCCCTCTG 19

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SOURCE
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14;
                                                                                                                                                                                                                                                               1-3, Yamada-oka, Suita, Osaka Pref. 565, Japan Tel: 06-877-5111(ex.3315)

Email: kousaku@imcb.osaka-u.ac.jp

We are not submitting the same cDNA sequence redundantly to DDBJ since 1993. For the abundance information of clones with this sequence in this library and as well as in other 3'-directed libraries, see' http://www.imcb.osaka-u.ac.jp/bodymap'. The sequences of the clones represented by this GS sequences is also found there.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Okubo, K.

BodyMap; human gene expression database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     C00981 19 bp mRNA linear E9 HUMGS0003370 Human adult (K.Okubo) Homo sapiens cDNA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Osaka University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished (1995)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Okubo, K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
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                     Similarity
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Conservative
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                                                                                    /dev stage="adult"
/clone_lib="Human adult (K.Okubo)"
/note="One or more human adult tissue"
                                                                                                                                                   /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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87.5%;
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                Score 12.8;
Pred. No. 2e
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                  2e+02;
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AZ307686/c
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                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                  AZ307686.1 GI:10346924 GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 0049 351 210 2620
Fax: 0049 351 210 1469
Email: tanaka@mpi-cbg.de
Plate: NT014C row: 10 column: A
Seq primer: GCA CAT TAG GCC TAT TTA GGT GAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AZ307686 19 bp DNA linear GSS 25
1M0009B05R Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0009B05 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Genome Biol. (2004) In press
Contact: Elly M. Tanaka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Habermann, B., Bebin, A.G., Herklotz, S., Volkmer, M., Eckelt, K., Pehlke, K., Epperlein, H.H., Schackert, H.K., Wiebe, G. and Tanaka, E.M. Pehlke, K., Epperlein, H.H., Schackert, H.K., Wiebe, G. and Tanaka, E.M. An Ambystoma mexicanum EST sequencing project: Analysis of 17,352 expressed sequence tags from embryonic and regenerating blastema
                       University of Utah Genome Center University of Utah
                                                                          Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)
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EST.
                                                                                                                           plasmid inserts
                                                                                                                                                                                                                                                                                                                                                 Mus musculus
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Biomedical Polymers Research Bldg.,
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/cell type="Includes Neural tube, notochord, somites"
/dev_stage="Stage 18-22"
/clone_lib="St18-22 Neural tube (NT)"
/note="Vector: pCMVSport6; Site_1: NotI; Site_2: SalI;
/unnormalized cDNA plasmid library prepared by Invitrogen.
Size fractionated mRNA was polydT primed and cloned into
NotI-SalI site of pCMVSport6. Bacterial host is
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/db_xref="taxon:8296"
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Pred. No. 2e+02;
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FAX: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0009 row: B column: 05
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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                 plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                  Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ761834 19 bp DNA linear
1M0556E19F Mouse 10kb plasmid UUGCIM library Mus
clone UUGC1M0556E19 F, genomic survey sequence.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
                                                                                                                                         Mouse whole genome scaffolding with
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Location/Qualifiers
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308,
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Biomedical Polymers Research Bldg.,
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/Clone_lib="Mouse 10kb plasmid UUGCIM library"
/notee="Vector: PWD42TN'; Purified genomic DNA f
musculus C57BL/6J (male) was obtained from th
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/strain="C57BL/6J"
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Insert Length: 10000 Std Error:
Plate: 0556 row: E column: 19
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                             Srinivasan,J., Otto,G.W., Kahlow,U., Geisler,R. and Sommer,R.J. AppaDB: an AcedB database for the nematode satellite organism Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
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pacificus var. California
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Location/Qualifiers
                                                                               Max-Planck-Institute for Developmental Biology Spemannstr. 37-39, Tuebingen D-72076, Germany Tel: 00497071601371
                                                                                                                                                                                                                                                                                                                   Pristionchus pacificus
Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
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CL683526.1 GI:50191279
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00497071601498
1: ralf.sommer@tuebingen.mpg.de °
library was generated at Caltech,
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/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.
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strain="C57BL/6J"
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0067 row: N column: 05
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through (0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical Polymers Research Bldg.,
                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                          /mol_type="genomic DNA'
/strain="C57BL/6J"
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m One} lib="Mixed stage fosmid library of P. pacificus ar. California"
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/db_xref="taxon:54126"
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Pred. No. 2e+02;
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RESULT 230
AZ321269
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: C
Plate: 0041 row: A column: 23
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 26.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus (bases 1 to 26)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ321269 26 bp DNA linear GSS 29-SEP-20 1M0041A23R Mouse 10kb plasmid UUGCIM library Mus musculus genomic Clone UUGCIM0041A23 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       plasmid inserts
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C578L/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                   sex="Male"
                                                                                                                                                                                                                                                                                                                                                              clone="UUGC1M0041A23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              . 26
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Pred. No. 2.8e+02;
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SOURCE
ORGANISM
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VERSION
KEYWORDS
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AA909236
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AJ802263
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                                                                                                                                                                                      DEFINITION
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Best Local S
Matches 14
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                  2802 GAAGGAGAAATGAAGAAGGAAGTGAGGGGGA 2833
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                                                                                                                                                              AA909236 19 bp mRNA linear EST 0 ol08a11.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1522844 3' similar to SW:EXTN_DAUCA P06599 EXTENSIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 36)
Zachgo,S., Stueber,K., Saedler,H.,
Antirrhinum EST collection
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AJ802263 Antirrhinum majus whole plant Antirrhinum 018 5 03 j12, mRNA sequence.
AJ802263 1 GI:51117591
EST
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Antirrhinum majus
                                      Homo sapiens (human)
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Carl-von-Linne Weg 10, D-50829,
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                      AA909236.1
                                                                                                                                           PRECURSOR. ;, mRNA sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Schwarz-Sommer Z
Molekulare Pflanzengenetik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Antirrhinum.
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                                                                                                                                                                                                                                                                                                                GAGAGAGAGAGAGAGAGAGAGAGGGGTA 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db xréf="taxon:4151"
/clone="018_5_03_j12"
/tissue_type="whole plant"
/clone_Tib="Antirrhinum majus whole plant"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              organism="Antirrhinum"
                                                                                                      GI:3048641
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87.5%; Pred. No. 3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                             Score 12.8; DB 1;
Pred. No. 3.2e+02;
0; Mismatches 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sommer, H. and Schwarz-Sommer, Z.
                                                                                                                                                                                                                                                                                                                                                                                               12;
                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 36;
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                                                                                                                                                                                                         EST 09-JUN-1998
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AI049374/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                        Contact: Marra M/Mouse EST Project
WashU-HHMI Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
                                                                                                                                                                                                                                                                                                                     Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)

Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T., Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M., Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B., Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AI049374 19 bp mRNA linear EST 08-JUL-: ub33a03.r1 Soares thymus 2NbMT Mus musculus cDNA clone IMAGE:1379500 5' similar to SW:KDGZ_HUMAN Q13574 DIACYLGLYCEROL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   l Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 347 Std Error: 0.00

Seq primer: -40ml3 fwd. ET from Amersham

High quality sequence stop: 1.
                                                                                                                                                                                                                                         The WashU-HHMI Mouse EST Project Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AI049374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                    Tel: 314 286 1800 Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AI049374.1 GI:3297661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     KINASE, ZETA ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tumor Gene Index
Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GGGTGGGTGGTGCC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /Clone lib="Soares NFL T GBC S1"
//Clone lib="Soares NFL T GBC S1"
//note="Organ: pooled; Vector: p7773D-Pac (Pharmacia) with
a modified polylinker; Site 1: Not 1; Site 2: Eco R1;
Equal amounts of plasmid DNA from three normalized
libraries (fetal lung NbHL19W, testis NHT, and B-cell
NCI CGAP GCB1) were mixed, and ss circles were made in
vitro. Following HAP purification, this DNA was used as
tracer in a subtractive hybridization reaction. The driver
was PCR-amplified cDNAs from pools of 5,000 clones made
from the same 3 libraries. The pools consisted of
I.M.A.G.E. clones 297480-302087, 682632-687239,
726408-728711, and 72996-731399. Subtraction by Bento
Soares and M. Fatima Bonaldo. "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1522844"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               lab_host="DH108"
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78.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 12.6; DB 1; Length 19; Pred. No. 2.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.1e+02;
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KEYWORDS
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Source
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Best Local S
Matches 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AI187072

19 bp mRNA linear EST 29-OCT qe38a01.s1 Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone IMAGE:1741224 3' similar to TR:Q07912 Q07912 TYROSINE-PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Trace considered overall poor quality
Possible reversed clone: similarity on wrong strand
Seq primer: -28ml3 rev2 ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                           Email: cgapbs-remail.nih.gov

This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 2024 Std Error: 0.00

Seq primer: -40m13 fwd. ET from Amersham

High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                   Tumor Gene Index
Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 19) NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap. National Cancer Institute, Cancer Genome Anatomy Project (CGAP), National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HOMO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AI187072.1 GI:3737710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MGI:901968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1741224"
/dev_stage="19 weeks"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares_fetal_lung_NbHL19W"
                                                                                                                                                             location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /tissue_type="Thymus"
/dev_stage="4 weeks"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         mol_type="mRNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    'sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      clone="IMAGE:1379500"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          db xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="Mus musculus"
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Pred. No. 2.1e+02;
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AI443363
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Best Local :
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                                                                                                                                                                  source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4587 GGAGGGGTGAAAGCATTAA 4605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sa31a08.x1 Gm-c1004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1004-879 3' similar to WP:T22D1.2 CE17246 ;, mRNA sequence. A1443363 A1443363.1 GI:4302646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19 GGAGGGGTGAAAAAACCAA 1
                                                                                                                                                                                                                                                                         When it has been determined, an EST from the other end of this clone is listed in the 'Other ESTs on clone' field. Other ESTs: sa31a08.y1 Trace considered overall poor quality Possible reversed clone: similarity on wrong strand This clone is available through: Biogenetic Services, 801 32nd Ave. Brookings, SD 57006 USA (phone: 800 423 4163; email: info@biogeneticservices.com)

Insert Length: 1580 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Other_ESTs: sa31a08.y1
Contact: Shoemaker R/Public Soybean EST Project
Public Soybean EST Project
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Shoemaker, R., Keim, P., Vodkin, L., Erpelding, J., Coryell, V., Khanna, A., Bolla, B., Marra, M., Hiller, L., Kucaba, T., Martin, J., Beck, C., Wylie, T., Underwood, K., Steptoe, M., Theising, B., Allen, M., Bowers, Y., Person, B., Swaller, T., Gibbons, M., Pape, D., Harvey, N., Schurk, R., Ritter, E., Kohn, S., Shin, T., Jackson, Y., Cardenas, M., McCann, R., Waterston, R. and Wilson, R.

Public Soybean EST Project
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Glycine max (soybean)
Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                          Seq primer: -40UP from Gibco
                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Glycine
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                                                                                                                                                                                                                                   quality sequence stop: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tow.
/clone="GENOME SYSTEMS CLONE
/tissue_type="root"
/lab_host="XL10-Gold"
                                                                                                                                        organism="Glycine max"
                                                                                                                                                                                     Location/Qualifiers
                                                                                        mol_type="mRNA"
cultivar="Williams"
                                                                     'db_xref="taxon:3847"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         78.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 12.6; DB 1;
Pred. No. 2.1e+02;
0; Mismatches 4;
                                               ij
                                               Gm-c1004-879"
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VERSION

COMMENT

REFERENCE AUTHORS

COMMENT

JOURNAL TITLE SOURCE ORGANISM

KEYWORDS VERSION ACCESSION DEFINITION RESULT 236 AI683556/c

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Matches

TITLE

FEATURES

clone\_lib="Gm-c1004'

FEATURES

Seq primer: -40UP from Gibco High quality sequence stop: 1.

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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)

NCI-CCAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AI683556

19 bp mRNA linear EST 16-DEC-1
tx67h08.x1 NCI CGAP Utl Homo sapiens cDNA clone IMAGE:2274687 3'
similar to TR:024099 024099 MTN12 ;, mRNA sequence.
                                                                                       cDNA Library Preparation: Life Technologies, Inc. CDNA Library Arrayed by: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.B. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                      Contact: Robert Strausberg, Ph.D.
Email: Capabs remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.,
Emmert-Buck, M.D., Ph.D.
Trace considered overall poor quality Insert Length: 1385 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                         Tumor Gene Index 
Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AI683556.1 GI:4893738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ACCCCCCCCCCCCCCAAAA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   with clone Pfu DNA polymerase, ligated to EcoRI adapters, and phosphorylated. The XhoI site within the first-strand synthesis, the count ends were 'polished' with clone Pfu DNA polymerase, ligated to EcoRI adapters, and phosphorylated. The XhoI site within the first-strand synthesis primer was restricted by digestion with XhoI; all XhoI sites in the CDNA would be protected by their hemimethylated status. The cDNA constructs were size-fractionated with a 500bp cutoff, using GibcoBRL Life Technologies' cDNA Size Fractionation column. The column eluent was then ligated into Stratagene's pBluescript II XR Predigested vector (pBluescript II SK(+) that had been digested with EcoRI and XhoI, and phosphorylated). Both the white and blue colonies appear to contain recombinant plasmids with cDNA inserts. Blue colonies 9n=15) have been sequenced, and possess putative cDNA inserts. This library was constructed by Dr. Paul Keim & Virginia H. Coryell, Department of Biology, Box5640, Northern Arizona University, Flagstaff, AZ 86011, Phone: 520-523-1078 (Dr. Paul Keim), 520-523-1750, email: paul.keim@nau.edu, virginia.coryell@nau.edu"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%;
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Pred. No. 2.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 19;
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TITLE
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BM396331
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KEYWORDS
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                                                                                                                                                                                3354 AAGGACTCCCCGCTGGGGC 3372
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Tetrahymena thermophila cDNA, mRNA sequence.
CF282240 mRNA 19 bp mRNA 14ETL-09-K13.gl Rice etiolated leaf pla Oryza sativa (japonica cultivar-group) c mRNA sequence.
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Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J. and Klobutcher,L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: apturkew@midway.uchicago.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   920 E. 58th Street, Chicago, IL 60637, Tel: 773 702 4374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BM396331.1 GI:18196384
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 from Tetrahymena thermophila, strain CU428.1, growing cells
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/tissue_type="well-differentiated endometrial
adenocarcinoma, 7 pooled tumors"
/lab host="DHIOB"
/clone_lib="NCI_CGAP_Ut1"
/note="Organ: uterus; Vector: pCMV-SPORT6; Site 1: Sall;
Site_2: Not1; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.75 kb. Life Technologies catalog #:
11538-014"
                                                                                                                                                                                                                                                                                                         /db_xref="taxon:5911"
/clone lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (20
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
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/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="mRNA"
/strain="CU428.1"
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Pred. No. 2.1e+02;
                                                                                                                                                                                                                                                   Pred. No. 2.1e+02;
                                                                                                                                                                                                                                                                     Score 12.6; DB 1;
                                                                                                                                                                                                                                   Mismatches
                                      RNA linear EST 14-AUG-20
plasmid cDNA library (14ETL)
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                    cDNA clone
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                                                        EST 14-AUG-2003
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AUTHORS
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 19)
                                                                      University of Utah Genome Cen
University of Utah
Rm. 308, Biomedical Polymers
                                                                                                                                                                     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from plasmid inserts
                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ315293 19 bp DNA linear GSS 29 1M0032P20F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC1M0032P20 F, genomic survey sequence.
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Lazge-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                  Tel: 801 585 5606
Fax: 801 585 7177
                                                          84112
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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CF282240.1
                                                                                                                                    Contact: Robert B.
                                                                                                                                                    Unpublished (2000)
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    Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Similarity
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ddunn@genetics.utah.edu
                                                            USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for
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/cissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli_DH10B"
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/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                                                                                                                                                                                                                                                            GI:10362003
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Pred. No. 2.1e+02
0; Mismatches
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                                                                            Research
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                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ316997 19 bp DNA linear GSS 29-SEP-200 1M0035005F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0035005 F, genomic survey sequence.
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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AZ316997.1 GI:10365360
GSS.
                                                            Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mus musculus (house mouse)
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Plate: 0032 row: P
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                               Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthoria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                             (bases 1 to 19)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. col1 XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab_host="E. Coli strain XL10-Gold, T1-resistant, F/Clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PW942nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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AZ345489
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                                                                                                                                                                                                                                                                                                 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                               University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Ress
                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)
                                                                                                                                                                                                                                                    plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1M0080D04F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0080D04 F, genomic survey sequence
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High quality sequence stop: 19.
                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
                                                                        Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                             Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ345489.1 GI:10424726
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Class: plasm
                                                                                                                             84112,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pNA92 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                             USA
                                                                                                                                                 Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone_lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD421v, Purified genomic DNA from N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
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  column:
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Pred. No. 2.1e+02;
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                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1M0155N21R Mouse 10kb plasmid UUGCIM library Mu clone UUGC1M0155N21 R, genomic survey sequence. AZ393054
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0155 row: N column: 21
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                  Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                 plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                          Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pDNA2 (gi|4732114|gb|AF1290721), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                       USA
                                                                                                                                                                           Biomedical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     musculus C57BL/6J (male) was obtained
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/strain="C57BL/6J"
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clone_lib="Mouse 10kb plasmid UUGCIM library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sex="Male"
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                                                   Std Error: 0.00
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Location/Qualifiers
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                            Similarity
                                                                                                         was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW142 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA 0.005 inch orifice at constant velocity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            'lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sex="Male"
                            78.9%;
                                                            0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                lib="Mouse 10kb plasmid UUGC1M library" Vector: PWD42nv; Purified genomic DNA from M.
0
                                                      Score 12.6;
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Mismatches
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                         2.1e+02;
                                                            DB 1;
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REFERENCE AUTHORS ACCESSION VERSION 밁 COMMENT SOURCE RESULT 243 AZ406101/c S KEYWORDS DEFINITION TITLE ORGANISM Matches JOURNAL 688 AAGATGATAAATTCACTGT 706 15; Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0175 row: 0 column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meennen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. 19 bp DNA linear GSS 0: 1M0175011F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0175011 F, genomic survev semience AZ406101 1 AAAATGAGAAATGCACTCT 19 University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Unpublished (2000) Tel: 801 585 5606 Fax: 801 585 7177 84112 plasmid inserts Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. Mus musculus AZ406101.1 Contact: Robert B. Mus musculus (house mouse) (bases 1 to 19) Conservative USA GI:10530114 Genome Center Weiss Std Error: 0.00 Bldg., 20 ŝ 2030 GSS 03-OCT-2000 SLC, 5 0

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AUTHORS
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                      Tel: 801 585 5606
FAX: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.
Plate: 0294 row: F column: 16
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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AZ476180.1 GI:10634305
GSS musculus (house mouse)
Mus musculus
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1M0294F16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0294F16 R, genomic survey seconence
AZ476180
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Location/Qualifiers
High quality sequence stop: 19
                                                                                                                                                                                                                                      University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                       Contact: Robert B.
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                                                                                                                                                                                          USA
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 2.1e+02;
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Matches 15; Conserv
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Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0
Plate: 0314 row: A column: 04
Seq primer: CGTTGTAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (2000)
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19 bp DNA linear GSS 0:
1M0314A04F Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC1M0314A04 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
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/strain="C578L/6J"
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University of Utah Genome Center
University of Utah
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1 (bases 1 to 19)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,

Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von

Niederhausern,A. and Wright,D., Weiss,R.

Niederhausern,A. and Wright,D., Weiss,R.

Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0339 row: L column: 05
Seq primer: CGTTGTAAAACGACGACGCCAGT
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GSS.
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
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Pred. No. 2.1e+02;
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Pocus

source

Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: ( Plate: 0351 row: A column: 21 Seq primer: CACACAGGAAACAGCTATGACC

Std Error: 0.00

84112,

USA

308,

Biomedical Polymers Research Bldg.,

20 ŝ

2030 E.,

Class: plasmid ends

quality sequence stop: 19

organism="Mus musculus" Location/Qualifiers University of Utah Genome Center University of Utah

Contact: Robert B. Weiss

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REFERENCE
AUTHORS
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ORGANISM
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AZ509071
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                                             Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
Unpublished (2000)
                         plasmid inserts
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Wector: pWp42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/mol type="genomic DNA"
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/strain="C57BL/6J"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse,Whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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AZ588155.1 GI:11710261
GSS.
Mus musculus (house mouse)
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Insert Length: 10000 Std Eror:
Plate: 0396 row: I column: 10
Stg primer: CGTTGTAAAACGACGGCCAGT
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19 bp DNA linear GSS 13
1M0396I10F Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0396I10 F, genomic survey sequence.
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Fax: 801 585 7177
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/mol_type="genomic DNA"
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/clone="UUGC1M0351A21"
                             organism="Mus musculus"
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University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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AZ771560
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Insert Length: 10000 Std Error:
Plate: 0574 row: A column: 03
Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Best Local (
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                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0022 row: I column: 09
Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)
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GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (2000)
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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/clone="UUGC1M0574A03"
                                                                                  organism="Mus musculus"
                                                                                                                                          Location/Qualifiers
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78.9%;
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Pred. No. 2.1e+02;
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Matches 15; Conserv
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                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0069 row: B column: 05
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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2M0069B05R Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC2M0069B05 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                            quality sequence stop: 19.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weise,R.
                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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AZ809734.1 GI:12976296
GSS.
                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0073 row: D column: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2M0073D19R Mouse 10kb plasmid UUGC1M library Mu clone UUGC2M0073D19 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                  801 585 5606
801 585 7177
                                                                                                                                                                              quality sequence stop: 19.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNA12 (gil 4732114 | gb| AFT29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/Clome_llb="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWPA2nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
/db_xref="taxon:10090"
/clone="UUGC2M0073D19"
                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                   organism="Mus musculus"
                                                                                                                                                      ocation/Qualifiers,
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78.9%;
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Pred. No. 2.1e+02;
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KEYWORDS VERSION 밁 5

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FEATURES

lab\_host="E. Coli strain XL10-Gold, T1-resistant,

COMMENT

COMMENT

TITLE

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KEYWORDS
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Matches 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (bases 1 to 19)
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19 bp DNA linear GSS 20-FEB-200
2M0091A23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0091A23 F, genomic survey sequence.
                                                                                                                                                                                      High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0091 row: A column: 23
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                    84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                             Class: plasmid ends
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
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                       /clone="UUGC2M0091A23"
                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                      db_xref="taxon:10090"
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sex="Male"
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Pred. No. 2.1e+02;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                           Std Error:
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SOURCE

/clone\_lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA f

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AUTHORS
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0115 row: C column: 06
Seq primer: CACACAGGAAACAGCTATGACC
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2M0115C06R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0115C06 R, genomic survey sequence.
                                                                                                                                                                                                                                               Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
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801 585 7177
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/sex="Male"
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                                                                                                                                                                                               organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PUBMED
                                                                                                source
                                                                                                                                                       AL Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://bsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante/info.infobiogen.fr).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5117 ATAGATGGGTGATGTCTTT 5135
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Brunaud, V., Balzergue, S., Dubreucg, B., Aubourg, S., Samson, F. Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AJ594227.1 GI:37943851
GSS; left border; T-Dkh flanking sequence
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Auby4227 19 bp DNA linear GSS 15-JAN-20
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
394G06, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Balzergue,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         of pre-insertion sites EMBO Rep. 3 (12), 1152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           T-DNA integration into the Arabidopsis genome depends on sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity 78.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassillewskija"
                                                                                                                               Location/Qualifiers
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CF339443
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                                                              AZ846058/c
                                                                                    RESULT 257
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                                                                                                                                                                                    217 ессесескаессетескае 235
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           l Similarity
15; Conserv
AZ846058 39 bp DNA linear GSS 20 2M0146B07F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC2M0146B07 F, genomic survey sequence.
                                                                                                                                                                                                                           1 Similarity · 78.9%;
15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae, Oryza
                                                                                                                                              μ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CF339443 20 bp mRNA linear EST 18-AUG-
RCL1--04-003.gl Regenerated callus lambda phage cDNA library (R
Cryza sativa (japonica cultivar-group) cDNA clone RCL1--04-003,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CF339443
CF339443.1 GI:33827271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mRNA sequence.
                                                                                                                                              GCGGCGGCAGCGGCGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     in, Kyeonggi, Ko
82 31 330 6193
82 31 321 6355
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                                                                                                                                                                                                                                                                                                                            /note="Vector: pBluescript SK(+); Site 1: SStI; Site 2: XhOI; cDNA was inserted into lamda Uni-ZAP XR Vector at 5' end with SstI and 3' end with XhOI site. Callus was induced on 2N6 media for 30 days and cultured for 36hrs on
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone="394G06"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1, .19
                                                                                                                                                                                                                                                                                                          regenerated media"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="m&NA"
/cultivar="Mackdong"
/db_xref="taxon:39947"
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                                                                                                                                                                                                                                                                                                                                                                                                                             clone_lib="Regenerated callus lambda phage cDNA library
                                                                                                                                                                                                                                                                                                                                                                                                                                                /dev_stage="proliferated callus on 2N6 media for 30 days"
lab_host="E.coli SOLR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             clone="RCL1--04-003"
(tissue_type="callus"
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Pred. No. 2.2e+02;
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Pred. No. 2.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 bhnahm@bio.myongji.ac.
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                                                                                                                                                                                                                                                                Length 20;
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AJ650055
AJ650055
sequence.
AJ650055
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AZ846058.1
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0146 row: B column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 39.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
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Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus
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                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                             Laboratory Mouse DNA. Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                               CSEQRAN19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host="E. Coli strain XL10-Cold, T1-resistant, F-"/Clone lib="Mouse 10kb plasmid UUCCIM library"/note="Vector: pWD42Tvv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
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/clone="UUGC2M0146B07"
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strain="C57BL/6J"
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78.9%;
                                            Sus scrofa cDNA clone C0003274_E06,
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Pred. No. 3e+02;
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RESULT 259
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Best Local Similarity
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Foales; Poaceae;
Ehrhartoidaae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross match with the -minscore 20 and -minmatch 12 options. Vector:pBlueScriptII(KS) R. Sitel: EcoRI R. Site2: NotI 5' Seq Primer M13F Normalised library constructed from pooled ovaries. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institite, Roslin, Midlothian, UK, EH25 9PS, www.ark-genomics.org.
                                                                                                                                                                                   Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                       Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L. Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EST
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Anderson, S.I., Finlayson, H.A. and Archibald, A.L.

Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
                                                                                                                                                                                                                                        Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CF323664.1 GI:33795589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              clone HDN--04-H04, mRNA sequence.
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Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2004)
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Sus scrofa
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EST.
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                                                                                                                   in, Kyeonggi, Ko
82 31 330 6193
82 31 321 6355
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                                                                                             bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /tissue_type="ovary"
/clone_Tib="CSEQRANI9"
/clone=Tvetor: pBlueScript11(KS+); Site_1: EcoRI; Site_2:
NotI; Single pass sequencing; Normalised library
constructed from pooled ovaries"
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
                                                                     ocation/Qualifiers
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/db_xref="taxon:9823"
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                                                                                           bhnahm@bio.myongji.ac.kr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16 bp
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Sus.
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AJ595555/c
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                                                                                                                                                                                                                                                                                                    Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' [http://www.genoplante.com and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.

T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
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GSS; left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
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Balzergue, S.
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
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                                                                                                                                                                                                                                                                                 program 'Genoplante' (http://www.genoplante.com
http://genoplante-info.infobiogen.fr).
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                                                                                                    /organism="Arabidopsis thaliana"

/mol type="genomic DNA"

/cultivar="Wassillewskija"

/db xref="taxon:3702"

/clone="419A03"
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/note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2: XhoI; cDNA was inserted into lambda Uni ZAP XR vector at 5' end with EcoRI and 3' end with XhoI site. mRNA was derived from rice Histone Deacetylase overexpression
/note="T-DNA flanking sequence
left border"
                                                                                                                                                                                                                                                    Location/Qualifiers
                                                         /clone_lib="Arabidopsis thaliana
1. .17
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| Ab_host="B.coli SOLR"
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/clone="HDN--04-H04"
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Pred. No. 1.6e+02
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                                                                              T-DNA insertion lines"
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             AJ600906.
AJ600906.1 GI:37950534
GSS; right border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
                                                                                                             AJ600906 18 bp I
Arabidopsis thaliana T-DNA flanking
516A03, genomic survey sequence.
                                                                                                                                                                                                                                              _
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence Sequence flanking probable Mu insertion site in UniformMu line: 0180750-04, Primer set: B Class: transposon insertion site.

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Donald R. McCarty
Plant Molecular and Cellular Biology Program
University of Florida
PO 110690 Gainesville, FL 32611-0690, USA
Tel: 352-392-1928 x322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 17)
Latshaw, S., Tan, B-.C., Settles, A.M. and McCarty, D.R.
Sequence tagged transposon insertions from the UniformMu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD clade; Panicoidaae; Andropogoneae; Zea.
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (2003)
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                                                                                                                                                                                                                                                                                                                                                                                      /clone_lib="UniformMu MuTAIL Library"
/note="Vector: TOPO-PCR4; DNA flanking Mu transposon
insertions in Mu inactive lines were extracted from the
UniformMu maire population by the thermo assymmetric
interlaced PCR (TAIL) protocol using primers specific for
the Mu terminal inverted repeat and a set of 16 arbitrary
primers. Amplicons were size enriched using Sepharose 400
spin columns and cloned into the TOPO PCR4 vector."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Zea mays"
/mol_type="genomic D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:4577"
/clone="0180750-04B1-G07"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="W22 (ACR, bz1-m9)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cultivar="UniformMu"
                                                                                                                                                                                                                                                                                                                                    0.2%;
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92.9%;
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); Mismatches 1
                                                                                                                                                                                                                                                                                                                                                      Score 12.4; DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante.info.infobiogen.fr).
                                                                                                                                                                                                                                                                                                                                                                                         PST2620-NL.Seq MICB1 Mus musculus genomic similar to Myh11, genomic survey sequence. CL436264.1 GI:45570894
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Direct Submission
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
                                        Tel: 204 787 2133
Fax: 204 787 2190
Email: hicksgg@cc.umanitoba.ca
                                                                                                         Mammalian Functional Genomics Centre
Manitoba Institute of Cell Biology, U
ON5029, 675 McDermot Ave, Winnipeg, N
                                                                                                                                                                                              www.EScells.ca
Unpublished (2002)
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Balzergue, S.
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U3NeoSV1 gene trap. Tag generated by sequence information and target gene
                                                                                                                                                                          Contact: Hicks GG
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                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                 Mus musculus
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EMBO Rep. 3 (12), 1152-1157 (2002)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     note="T-DNA flanking sequence"
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/clone="516A03"
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/cultivar="Wassillewskija"
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                                                                                                                                                                                                                                                                                    Chordata; Craniata; Vertebrata; Euteleostomi; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Pred. No. 2e+02;
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                                                                                                              Universitry of Manitoba MB R3E OV9, Canada
plasmid
cloning
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  rescue. Additional can be generated. ES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M. Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Le and Radelof, U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       w
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BQ593604 19 bp mRNA linear ES E012766-024-026-H12-SP6 MPIZ-ADIS-024-developing root CDNA clone 024-026-H12 5-PRIME, mRNA sequence.
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Class: Gene Trap.
                                                                                                                                                                                                                                                                                                                                                Insert Length: 19 Std Error: 0.00
Plate: 26 row: H column: 12
Seq primer: SP6; CATACGATTTAGGTGACACTATAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Carl-von-Linne Weg 10, 50829 Koeln,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                     Email: weisshaa@mpiz-koeln.mpg.de
                                                                                                                                                                                                                                                                                                                                                                                                                                               Fax: 0049221506285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Weisshaar
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Caryophyllales; Amaranthaceae; Beta.
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BQ593604.1 GI:26123187
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/tissue_type="developing root"
/lab host "EMDH10B"
/lab host "EMDH10B"
/clone_lib="MPIZ-ADIS-024-developing root"
/note="Vector: pcMVSPORT6; Site_1: SalI; Site_2: NotI;
/note="Vector: pcMVSPORT6; Site_1: SalI; Site_2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /cell_type="mmbryonic stem cell"
/cell_line="DSH (J subclone)"
/clone_lib="WICBH"
/note="Vector: U3NeoSV1"
                                                                                                                                                                                                                                                         /organism="Beta vulgaris"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="129 sv"
                                                                                                                                                                                                                                                                                                                             ocation/Qualifiers
                                                                                                                                              clone="024-026-H12"
                                                                                                                                                                 db_xref="taxon:161934"
                                                                                                                                                                                           db_xref="GABI:193251"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="PST2620-NL.Seq"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ocation/Qualifiers,
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                                                                                                                                                                                                                                      ivar="KWS2320 (double haploid, monogerm breeding
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Pred. No. 2e+02;
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AI476315
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TITLE
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Trace considered overall poor quality seq primer: -40UP from Gibco Sign quality sequence scop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cDNA Library Preparation: Stratagene, Inc. cDNA Library Arrayed by: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Mark Raffeld, M.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ta15c09.x1 NCI_CGAP_Lym5 Homo sapiens cDNA clone IMAGE:2044144 similar to TR:Q61431 Q61431 PROCOLLAGEN TYPE V ALPHA 2.;contai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
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                                                                                                            Similarity
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CCTGGCCCTGGGGG 18
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                                                                                     Conservative
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                                                                                                                                                                   /clone="IMAGE:2044144"
/tissue_type="follicular lymphoma"
/lab_host="SOLR (Stratagene, kanamycin resistant)"
/clone_lib="SOLR (Stratagene, kanamycin resistant)"
/clone_lib="NCICGAP_Lym5"
/note="Organ: lymph node; Vector: pBluescript SK-; Site_1:
gcoRI; Site_2: XhoI; Cloned unidirectionally. Primer:
Oligo dT. Average insert size 1.2 kb. Non-amplified
library. ~5 adaptor sequence: 5 GAATTCGGCACGAG 3' ~3'
adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTT 3'"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SP6-SalI-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          orientation:
                                                                                                                                                                                                                                                                                                                                                                                           organism="Homo sapiens"
|mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                           db_xref="taxon:9606"
                                                                                                         0.2%;
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Pred. No. 2.2e+02;
                                                                                                         Score 12.4; DB 1;
Pred. No. 2.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Possible reversed clone: similarity on wrong strand
Seq_primer: -40UP from Gibco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost,S., Krizman,D., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising,B., White,Y., Wylle,T., Waterston,R. and Wilson,R. WashU-NCI human EST Project
                                                                                                                   GSS
                                                                                                                                                           AZ324865 19 bp DNA linear GSS 29-SEP-200 IM00447G10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0047G10 F, genomic survey sequence.
AZ324865
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1. (bases 1 to 19)
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19 bp mRNA linear EST 10-JUN-1999
as41406.x1 Barstead aorta HPLRB6 Homo sapiens cDNA clone
IMAGE:2319755 similar to SW:EXTN_DAUCA P06599 EXTENSIN
                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                   CCCCCCCCCCAAG 19
       (bases 1 to 19)
                                                                                         musculus (house mouse)
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ilarity 92.9%;
Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   the modified pT7T3 vector. Library constructed by Bob
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/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                       19 bp DNA linear GSS 29-SEP-200 DNA 19 DNA DNA LINEAR GSS 29-SEP-200 DNA DNA DNA DNA DNA BENDMIC GLONE UUGCIM0089A08 F, genomic survey sequence.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                           GSS.
                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
                                                                                         Mus musculus
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AZ351194.1
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Insert Length: 10000 Std Error:
Plate: 0047 row: G column: 10
Seq primer: CGTTGTAAAACGACGGCCAGT
Dunn, D.,
                                                                                                                   Mus musculus (house mouse)
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Location/Qualifiers
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
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  Barber, M.,
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Pred. No. 2.2e+02;
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  Beacorn, T., Duval, B., Hamil, C.,
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleosto Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; 1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
                                                                                                                   Mus musculus
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Insert Length: 10000 Std Error: 0.00
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University of Utah
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Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                           Mus musculus (house mouse)
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and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/clone="UUGC1M0089A08"
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/strain="C57BL/6J"
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Pred. No. 2.2e+02;
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
                                                                                                                                                                                                                                                                                                                      AZ830578 19 bp DNA linear GSS 20-FEB-200 2M0109H23R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0109H23 R, genomic survey sequence.
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Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                        Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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Insert Length: 10000 Scd Error: (
Plate: 0331 row: N column: 22
Seq primer: CACACAGGAAACAGCTATGACC
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Rm. 308, Biomedical Polymers Research Bldg.,
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Fax: 801 585 7177
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/strain="C57BL/6J"
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                                                                Duval, B., Hamil, C.,
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                                                                                                                                                                                                                                                                                                                                      RESULT 271
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                     AUTHORS
TITLE
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Best Local
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84112, USA
7el: 801 585 5606
Fax: 801 585 7177
Adunn@genet
                                                                                                                                                                                                                                                                                                                                                                                                  19
                                                                                                                                                                      wc94c08.x1 NCI CGAP Co3 Homo sapiens cDNA clone IMAGE:2326286 similar to TR:O64371 Q64371 PR-VBETA1. ;contains element MSR1 repetitive element ;, mRNA sequence. AI688330 AI688330.1 GI:4899624
                 Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria, Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 22)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0109 row: H column: 23
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 19.
Location/Qualifiers
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                                                                                                                        Homo sapiens
                                                                                                                                            Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resources (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNA92 (gi|4732114|gb|AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
Gene Index
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone_lib="Mouse_10kb_plasmid_UUGCIM_Ibrary" /note="Vector: pW042nv, Furified_genomic_DNA_from_M.musculus_C57BL/6J_(male) was obtained_from_the_Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /clone="UUGC2M0109H23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
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92.9%;
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Pred. No. 2.2e+02;
0; Mismatches 1;
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Best Local
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JOURNAL
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University YongJin, KyeongJi, Korea Tel: 82 31 330 6193

Fax: 82 31 321 6355

Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CF309796 22 bp mRNA linear EST 15-AUG-2003 ABF--04-C02.bl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                  1 (bases 1 to 22)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Trace considered overall poor quality Insert Length: 670 Std Error: 0.00 Seq primer: -40UP from Gibco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CDNA Library Preparation: M. Bento Soares, Ph.D. CDNA Library Arraying: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                    Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CF309796.1 GI:33681557
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Elias Campo, M.D., Michael R. Emmert-Buck,
                                                                                                                                                                                              Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ABF--04-C02, mRNA sequence.
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bhnahm@ggbio.com, bhn
Location/Qualifiers
1, .22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    modified pT773 vector. Library went through one round of normalization. "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Pred. No. 2.7e+02;
                                             bhnahm@bio.myongji.ac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
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/organism="Oryza sativa (japonica cultivar-group)"

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JOURNAL COMMENT
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AUTHORS
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Best Local Similarity
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Nouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                           Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0504 row: P column: 15
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1M0504P15F Mouse 10kb plasmid UUGCIM ibrary Mucclone UUGCIM0504P15 F, genomic survey sequence. AZ641670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ641670.1 GI:11765874 GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                             ass: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                     quality sequence stop: 23.
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801 585 7177
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                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library" /clone-"Vector: pwD402nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /dev stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid
cDNA library (ABF)"
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA
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/db_xref="taxon:39947"
/clone="ABF--04-C02"
/tissue_type="leaf"
                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                        sex="Male"
                                                                                                                                                                                                                                db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                   organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                ocation/Qualifiers,
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                                                                                                                                                                                                         clone="UUGC1M0504P15"
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Pred. No. 2.7e+02;
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AZ766246/c
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1M0563J08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0563J08 R, genomic survey sequence
AZ766246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GAGAGAGAGAGAGAGTGTGG 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0563 row: J column: 08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weise,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                quality sequence stop: 23.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:1000"
/clone="UUGC1M0563J08"
                                                                                                                                                                                                                                                                                                                                                                                 organism="Mus musculus"
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Pred. No. 2.9e+02;
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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clone UUGC1M0154F14 F, genomic survey sequence.
AZ391891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0154 row: F column: 14
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Mus musculus (house mous Mus musculus
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Location/Qualifiers
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clome_lib="Mouse_10kb_plasmid_UUGCIM_library"/note="Vector: pWD42nv, Purified_genomic_DNA_from_M.musculus_C57BL/6J_(male) was obtained_from_the_Jackson_musculus_C57BL/6J_(male) was obtained_from_the_Jackson_musculus_C57BL/6J_(male)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        clone="UUGC1M0154F14"
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Pred. No. 2.9e+02;
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CF930049/c
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EST.
Bos taurus
                                  38 bp
CF-02-R-121 Bos taurus CF-24-HW
CF-02-R-121(5'), mRNA sequence.
CF930049
CF930049.1 GI:38278908
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Satoh,N., Satou,Y., Kohara,Y. and Shir
Expressed genes in Ciona intestinalis
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AV673465 Nori Satoh unpublished cDNA library Ciona intestinalis CDNA clone citb8o10 5', mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sakyo-ku, Kyoto, Kyotel: 81-75-753-4081
Fax: 81-75-705-1113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: satch@ascidian.zool.kyoto-u.ac.jp.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Nori Satoh
Department of Zoology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona; Phlebobranchia; Cionidae; Ciona.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Ciona intestinalis"
/mol_type="mRNA"
/db_xref="taxon:7719"
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                                                                                                                                                                                                                                                                                                                                                                       /tissue_type="whole animal"
/dev_stage="tailbud"
/clone_lib="Nori Satoh unpublished cDNA library"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kyoto 606-8502, Japan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    39 bp mRNA linear EST 15-AUG-2003 ABF1--02-M05.g1 ABF3-overexpressing transgenic rice lambda phage cDNA library (ABF1) Oryza sativa (japonica cultivar-group) cDNA clone ABF1--02-M05, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Dr. Du-Hak Yoon
Contact: Dr. Du-Hak Yoon
National Livestock Research Institute, RDA
National Livestock Research A41-350, Korea
                                                                                                                                                                                                                                                                                                              Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., L. Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                     of Bioscience and Bioinformatics,
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CF303617.1 GI:33675378
EST.
                                                                                                                                                                                                                                               Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: dhyoon@rda.go.kr
Insert Length: 38 Std Error:
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Fax: 82 31 290 1792
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Yoon,D.H., Lee,S.H., Lee,J.H., Sang,B.C. and Oh,S.J.
Gene Expression Profiling of the Bovine adipose tissues
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                                                                                                                                              bhnahm@ggbio.com, bhn.
Location/Qualifiers
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                                      /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:9913"
/clone="CF-02-R-I21(5')"
/sex="four males mixed"
/tissue_type="adipose tissue"
/cell_type="adiposyte"
/dev_stage="24 months old"
/lab host="X1-BlueMRF'strain"
/clone_lib="Bos_taurus_CF-24-HW_CDNA_library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Vector: Uni-ZAPXR; Site_1: EcoRI; Site_2: Xho
/clone="ABF1--02-M05"
/tissue_type="leaf"
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Pred. No. 3.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CA797810 17 bp mRNA linear EST 0 Cac_BL_4975 Cac_BL (Bean and Leaf from Amelonardo type Car_BL_4975 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                              Email: Paul.Jones@eu.effem.com
Seq primer: T3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Jones, P.G., Allaway, D., Gilmour, D.M., Harris, C., Rankin, D. Retzel, E.R. and Jones, C.A.
                                                                                                                                                                                                                                                                                                                                                                                                        3d Dundee Road,
                                                                                                                                                                                                                                                                                                                                                                                                                             Masterfoods
                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Jones,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Planta 216 (2),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gene discovery and microarray analysis of cacao
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/lab_host="B.coll SOLR"
/lab_host="B.coll SOLR"
/clone_lib="ABF3-overexpressing transgenic rice lambda
/clone_cDNA library (ABF1)"
/note="Vector: pBluescript SK(+); Site_1: EcoRI; Site_2:
XhoI; Leaf was dried for 2hrs. cDNA was inserted into
lamda Uni-ZAP XR vector at 5' end with EcoRI and 3' end
with XhoI site. mRNA was prepared from ABA-responsive
element binding transcription factor 3 overexpression
                                                                                                       /clone="Cac BL 4975"
/tissue_type="Mature leaf and mature bean"
/cell_type="Whole organ"
/dev_stage="maturity"
/lab_host="XL-1 Blue MRF'"
/clone_lib="Cac_BL (Bean and Leaf from Amelonardo type
Cacao)"
                                                                        Amelonado type
                                                                                         note="Vector:
                                                                                                                                                                                                                                     /organism="Theobroma cacao"
/mol_type="mRNA"
/strain="Amelonado type"
/db_xref="taxon:3641"
                                                                                                                                                                                                                                                                                                                                 Location/Qualifiers
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0;
Score 12.2; D
Pred. No. 1.9e
0; Mismatches
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                                                                      pBK-CMV; Bean
Cacao tree."
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                                    Length 17
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BQ790001
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AJ592065
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Submitted (23-CCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AJ592065.1 GI:37941689
AJ592065.1 GI:37941689
GSS, right border; T-DNA flanking
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Arabidopsis thaliana
Pinus sylvestris/Heterobasidion annosum mixed Pinus sylvestris/Heterobasidion annosum mixed Eukaryota, mixed EST libraries.

1 (bases 1 to 18)
Asiegbu, F.O., Nahalkova, J. and Dean, R.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Brunaud, V., Balzergue, S., Dubreucg, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.

T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

EMBO Rep. 3 (12), 1152-1157 (2002)
                                                                                                                                              BQ790001
BQ790001.1 GI:22004963
                                                                                                                                                                                        hage005aH02 Heterobasidion annosum - Scots pine infection stage (HAGE) subtraction cDNA library Pinus sylvestris/Heterobasidion annosum mixed EST library cDNA clone hage005aH02, mRNA sequence
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Arabidopsis thaliana T-DNA flanking sequence, right border, clone
                                                                                                                                                                                                                                                                  BQ790001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Balzergue, S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        http://genoplante-info.infobiogen.fr).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="T-DNA flanking sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Arabidopsis thaliana"
|mol type="genomic DNA"
|cultivar="Wassillewskija"
|db xref="taxon:3702"
|clone="602E03"
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Pred. No. 1.9e+02;
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AJ600946
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AJ600946.1 GI:37950574
AJ600946.1 GI:37950574
GSS; right border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiciines/. This sequence has been generated in the framework of the French plant genomics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14;
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                                                                                                                                                                                                                                                                                                                                                                                             of pre-insertion sites EMBO Rep. 3 (12), 1152-22363535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: +46 18 67 15 98
Fax: +46 18 30 92 45
Email: Fred.Asiegbuomykopat.slu.
Seq primer: T7 primer.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                          2 (bases 1 to 18)
Balzergue, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AJ600946 Thaliana T-DNA flanking sequence, right border, clone
                                                                                                                                                                                                                                                                                          Direct Submission
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(clone lib="Heterobasidion annosum - Scots pine infection clone lib-"Heterobasidion annosum - Scots pine infection clone library"
(note-"Vector: pT-Adv; Site_1: ECORI; The subtractive hybridization cDNA library was constructed from scots proots infected for 6-days with mycelia of Heterobasidon annosum (FPS)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Pinus sylvestris/Heterobasidion annosum mixed
EST library"
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/db_xref="taxon:169015"
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Pred. No. 2.1e+02;
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COLOSULIA ELOCOLOSIULA (USOLOS)